

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010177.D
 Acq On : 24 May 2017 13:03
 Operator : SJ/MA
 Sample : PB99209BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99209BSD

Quant Time: May 25 05:25:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	133383	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	454191	20.00	ng	-0.03
38) Acenaphthene-d10	14.59	164	277886	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	639605	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	884506	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1091743	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	656411	88.87	ng	-0.02
7) Phenol-d6	7.14	99	799751	84.15	ng	-0.03
23) Nitrobenzene-d5	9.14	82	825500	98.06	ng	-0.03
41) 2,4,6-Tribromophenol	16.07	330	360719	85.47	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	2078827	96.17	ng	-0.03
78) Terphenyl-d14	19.93	244	3068711	78.89	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	120289	35.44	ng	# 100
3) Pyridine	3.85	79	327439	36.04	ng	92
4) n-Nitrosodimethylamine	3.76	42	165421	50.34	ng	# 73
6) Aniline	7.30	93	358691	30.46	ng	92
8) 2-Chlorophenol	7.53	128	318543	39.64	ng	94
9) Benzaldehyde	7.11	77	93010	15.72	ng	87
10) Phenol	7.17	94	404808	40.42	ng	92
11) bis(2-Chloroethyl)ether	7.39	93	279874	37.49	ng	96
12) 1,3-Dichlorobenzene	7.83	146	386406	37.84	ng	# 90
13) 1,4-Dichlorobenzene	7.99	146	396176	37.77	ng	97
14) 1,2-Dichlorobenzene	8.30	146	383065	38.04	ng	96
15) Benzyl Alcohol	8.22	79	310275	43.15	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.47	45	238317	32.47	ng	76
17) 2-Methylphenol	8.41	107	265561	37.26	ng	# 84
18) Hexachloroethane	9.02	117	134371	39.51	ng	# 72
19) n-Nitroso-di-n-propylamine	8.76	70	266287	39.69	ng	94
20) 3+4-Methylphenols	8.75	107	359178	37.32	ng	87
22) Acetophenone	8.79	105	485829	41.73	ng	# 96
24) Nitrobenzene	9.18	77	408265	47.07	ng	93
25) Isophorone	9.69	82	633469	43.55	ng	# 93
26) 2-Nitrophenol	9.88	139	159901	43.74	ng	# 61
27) 2,4-Dimethylphenol	9.94	122	272820	41.33	ng	# 79
28) bis(2-Chloroethoxy)methane	10.17	93	361411	39.15	ng	99
29) 2,4-Dichlorophenol	10.41	162	335037	44.09	ng	96
30) 1,2,4-Trichlorobenzene	10.61	180	409061	41.60	ng	99
31) Naphthalene	10.81	128	919363	37.84	ng	98
32) Benzoic acid	10.07	122	170594	37.92	ng	# 74
33) 4-Chloroaniline	10.95	127	107820	11.52	ng	# 82
34) Hexachlorobutadiene	11.06	225	285863	43.58	ng	99
35) Caprolactam	11.76	113	77479	35.53	ng	# 82
36) 4-Chloro-3-methylphenol	12.06	107	318608	38.71	ng	# 83
37) 2-Methylnaphthalene	12.41	142	707091	40.42	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	467431	43.74	ng	# 100
40) Hexachlorocyclopentadiene	12.73	237	687414	111.41	ng	99

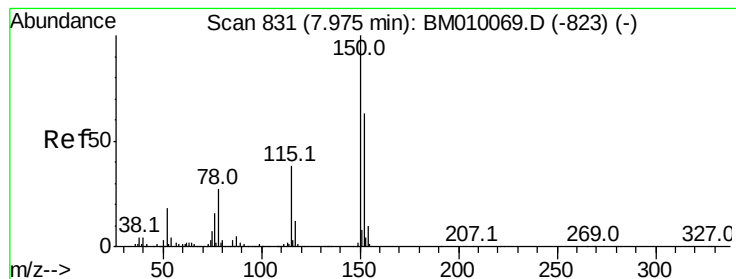
Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	292782	46.52	nq	99
43) 2,4,5-Trichlorophenol	13.10	196	306384	44.05	nq	# 93
45) 1,1'-Biphenyl	13.42	154	960487	42.03	nq	99
46) 2-Chloronaphthalene	13.47	162	761051	41.13	nq	98
47) 2-Nitroaniline	13.70	65	208655	43.86	nq	# 81
48) Acenaphthylene	14.32	152	1145862	41.88	nq	100
49) Dimethylphthalate	14.05	163	940229	37.93	nq	# 97
50) 2,6-Dinitrotoluene	14.19	165	198215	42.11	nq	91
51) Acenaphthene	14.65	154	689658	40.55	nq	97
52) 3-Nitroaniline	14.53	138	109664	25.07	nq	# 72
53) 2,4-Dinitrophenol	14.72	184	244726	78.39	nq	# 88
54) Dibenzofuran	14.99	168	1185121	44.31	nq	95
55) 4-Nitrophenol	14.84	139	273945	77.81	nq	# 33
56) 2,4-Dinitrotoluene	14.96	165	271255	40.73	nq	# 89
57) Fluorene	15.63	166	944244	40.60	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.21	232	284013	47.94	nq	# 100
59) Diethylphthalate	15.40	149	878733	37.49	nq	96
60) 4-Chlorophenyl-phenylether	15.62	204	537524	41.17	nq	97
61) 4-Nitroaniline	15.70	138	152598	34.36	nq	# 26
62) Azobenzene	15.92	77	880550	51.10	nq	88
64) 4,6-Dinitro-2-methylphenol	15.72	198	165099	42.25	nq	80
65) n-Nitrosodiphenylamine	15.85	169	798521	41.66	nq	98
66) 4-Bromophenyl-phenylether	16.52	248	350272	42.78	nq	94
67) Hexachlorobenzene	16.61	284	392072	39.41	nq	96
68) Atrazine	16.79	200	324563	44.66	nq	97
69) Pentachlorophenol	16.97	266	467493	85.56	nq	98
70) Phenanthrene	17.37	178	1481837	41.41	nq	100
71) Anthracene	17.46	178	1503695	42.34	nq	99
72) Carbazole	17.75	167	1280246	40.72	nq	98
73) Di-n-butylphthalate	18.27	149	1369410	36.73	nq	# 97
74) Fluoranthene	19.37	202	1816995	39.11	nq	97
76) Benzidine	19.58	184	1136786	69.68	nq	98
77) Pyrene	19.74	202	1851864	39.05	nq	100
79) Butylbenzylphthalate	20.62	149	643624	36.66	nq	# 88
80) Benzo(a)anthracene	21.47	228	2060995	42.28	nq	99
81) 3,3'-Dichlorobenzidine	21.42	252	616118	31.42	nq	# 97
82) Chrysene	21.53	228	1874949	40.55	nq	100
83) Bis(2-ethylhexyl)phthalate	21.36	149	918284	34.98	nq	# 97
84) Di-n-octyl phthalate	22.26	149	1679202	35.73	nq	# 98
85) Indeno(1,2,3-cd)pyrene	26.27	276	3762048	55.49	nq	# 100
87) Benzo(b)fluoranthene	23.13	252	2556071	40.00	nq	# 92
88) Benzo(k)fluoranthene	23.17	252	2537439	40.53	nq	# 95
89) Benzo(a)pyrene	23.74	252	2596964	42.65	nq	# 96
90) Dibenzo(a,h)anthracene	26.28	278	3145394	46.20	nq	# 92
91) Benzo(g,h,i)perylene	27.03	276	3118359	46.74	nq	# 85

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

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PB99209BSD

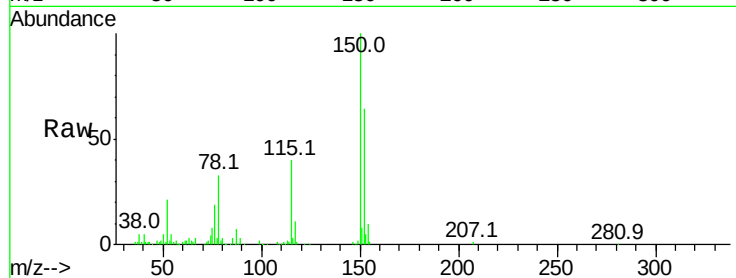
Tot Ion:152 Resp: 133383

Ion Ratio Lower Upper

152 100

150 156.7 119.5 179.3

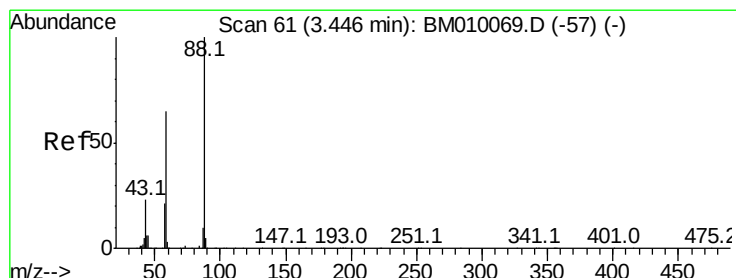
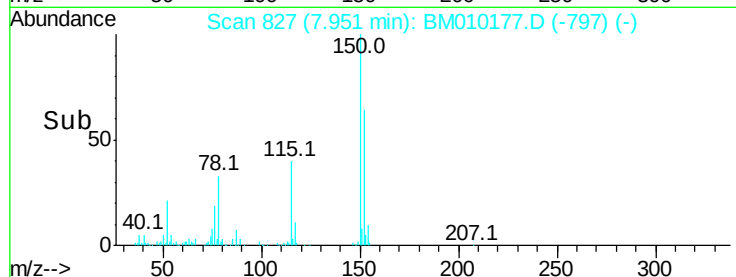
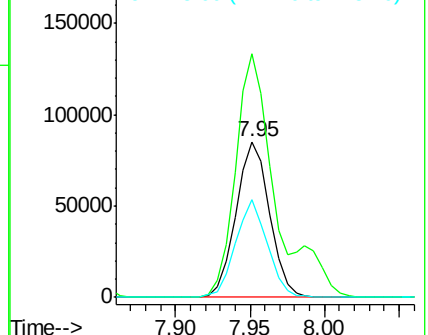
115 62.7 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.44 ng

RT: 3.43 min Scan# 58

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

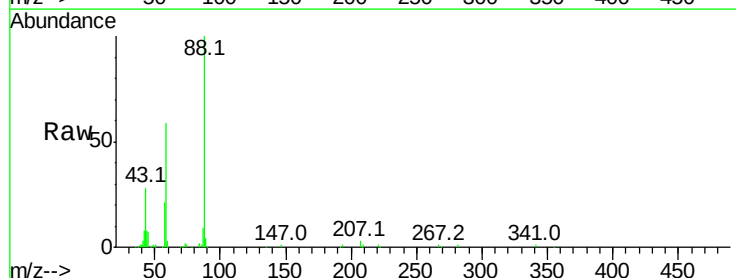
Tgt Ion: 88 Resp: 120289

Ion Ratio Lower Upper

88 100

58 62.0 0.0 0.0#

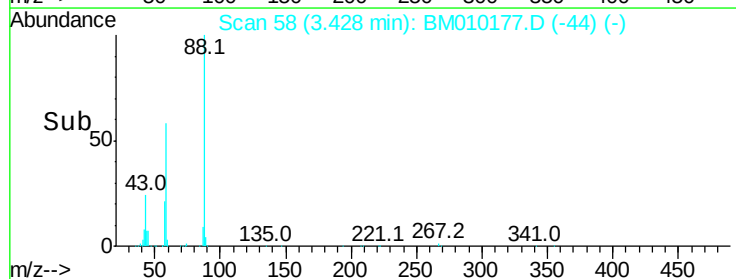
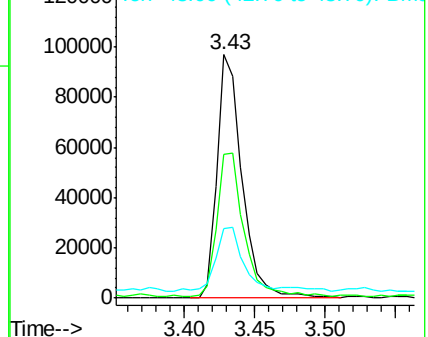
43 28.3 0.0 0.0#

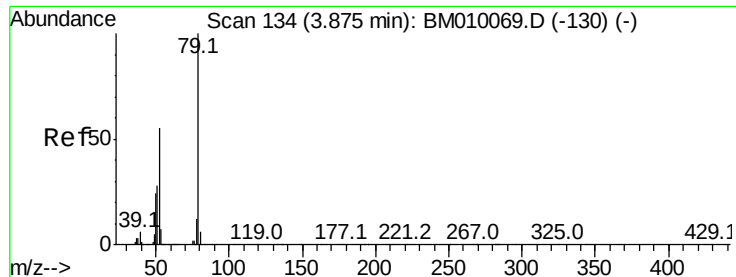


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 36.04 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.03 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Instrument :

BNA_M

ClientSampleId :

PB99209BSD

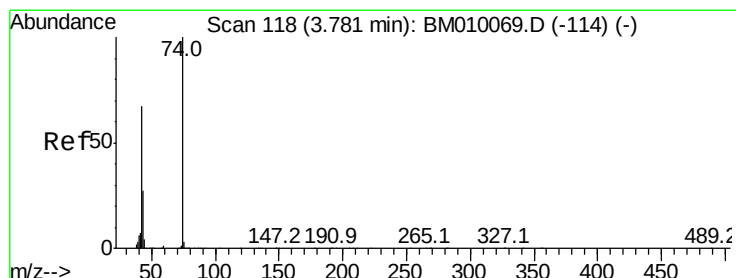
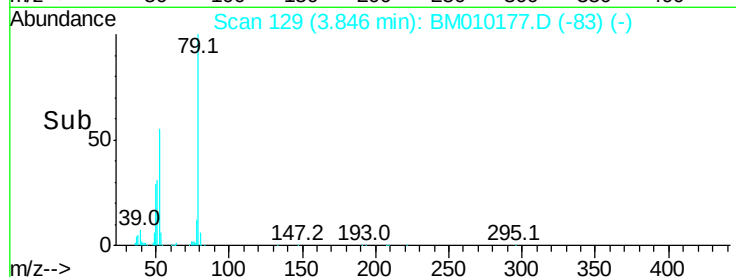
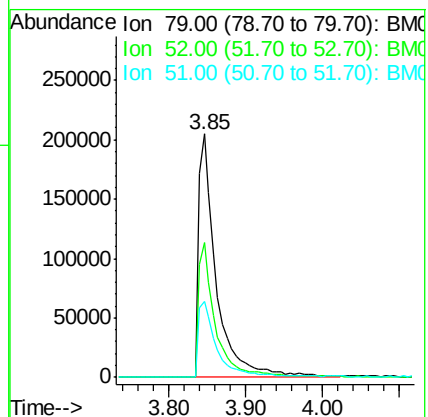
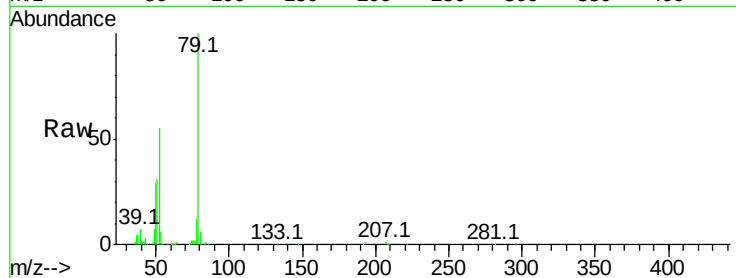
Tot Ion: 79 Resp: 327439

Ion Ratio Lower Upper

79 100

52 55.5 51.1 76.7

51 31.2 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 50.34 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

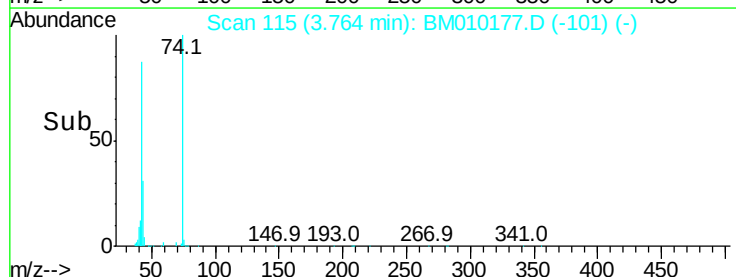
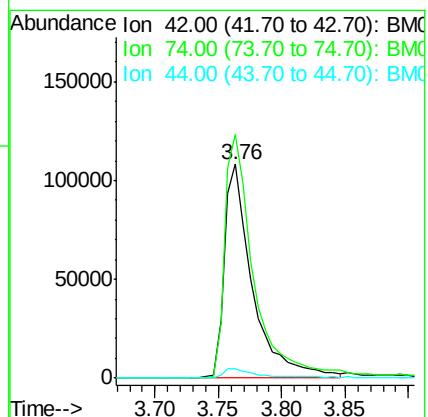
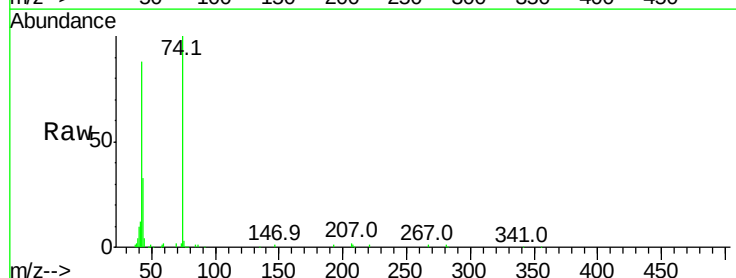
Tgt Ion: 42 Resp: 165421

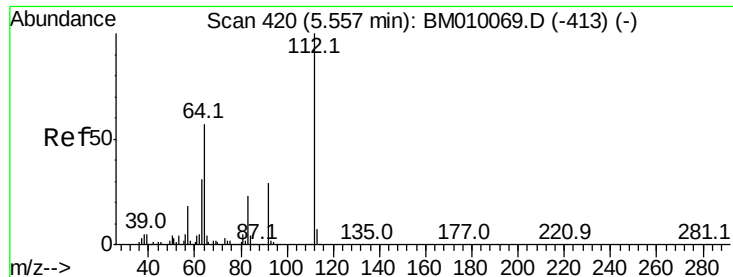
Ion Ratio Lower Upper

42 100

74 114.0 119.3 178.9#

44 4.7 5.4 8.2#





#5

2-Fluorophenol

Concen: 88.87 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

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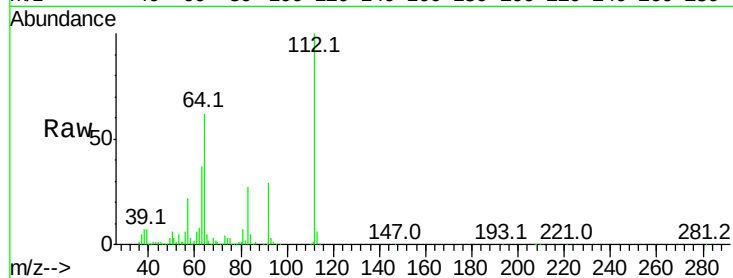
Tot Ion:112 Resp: 656411

Ion Ratio Lower Upper

112 100

64 62.4 38.6 57.8#

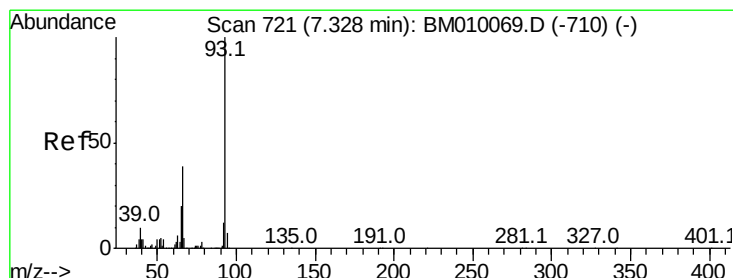
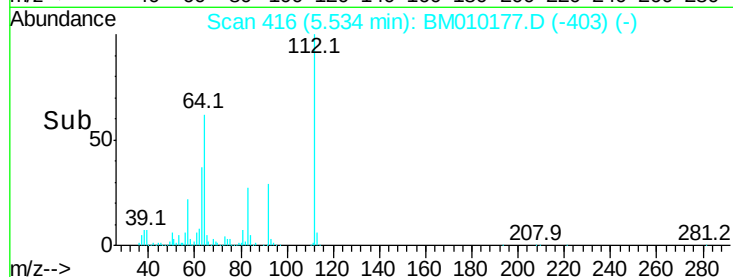
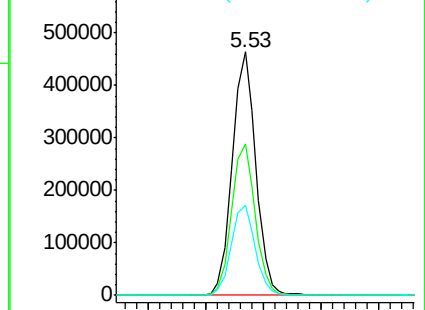
63 36.9 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 30.46 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

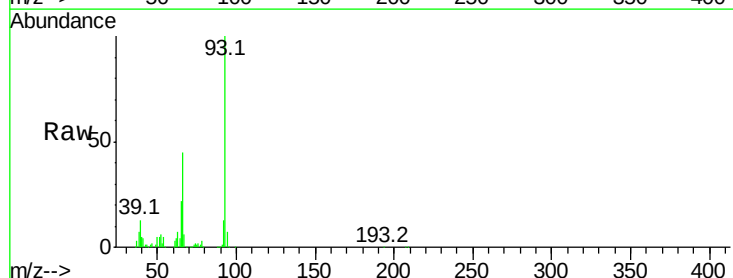
Tgt Ion: 93 Resp: 358691

Ion Ratio Lower Upper

93 100

66 44.8 30.8 46.2

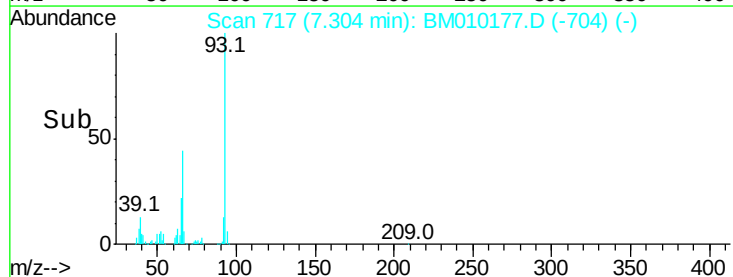
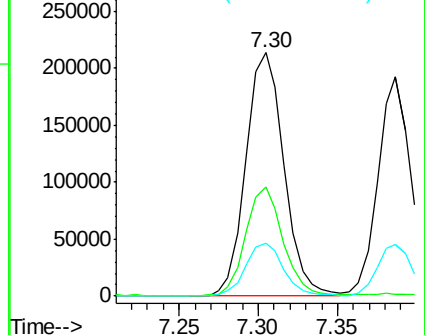
65 21.8 16.0 24.0

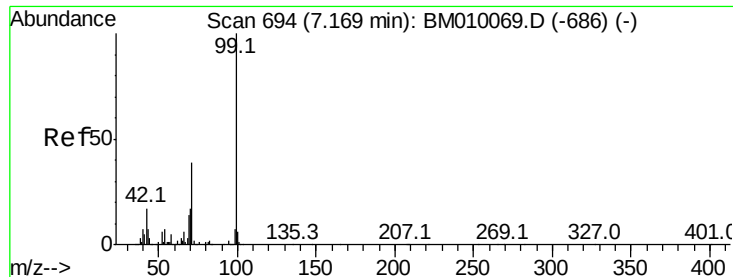


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 84.15 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Instrument :

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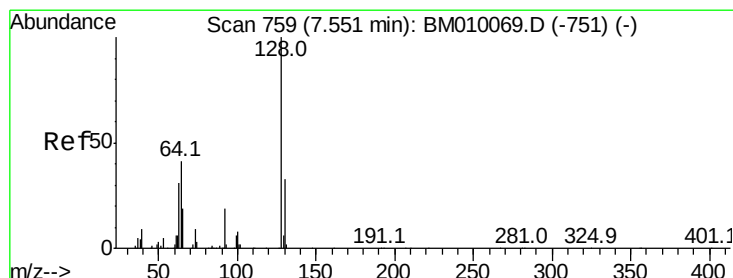
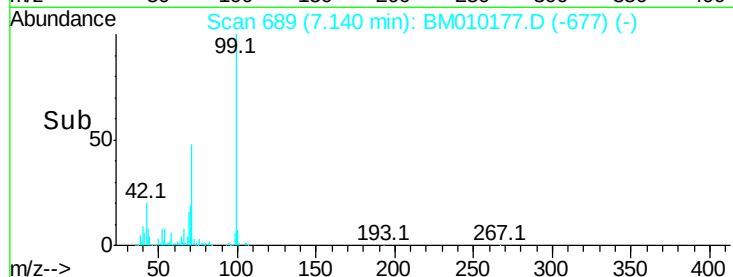
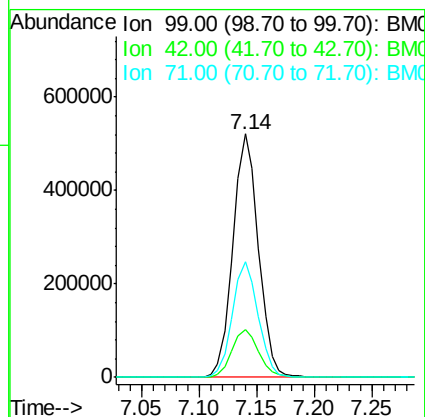
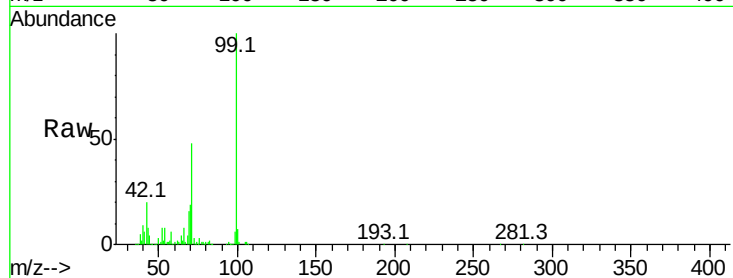
Tot Ion: 99 Resp: 799751

Ion Ratio Lower Upper

99 100

42 19.8 11.0 16.4#

71 47.6 23.4 35.2#



#8

2-Chlorophenol

Concen: 39.64 ng

RT: 7.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

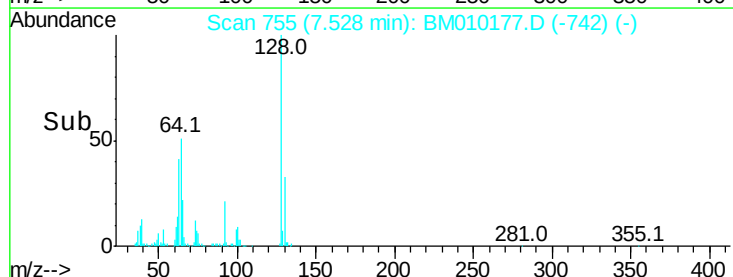
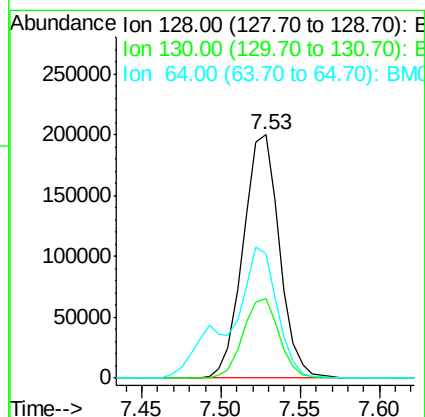
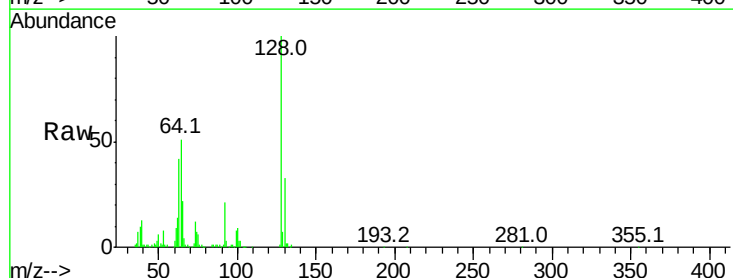
Tgt Ion: 128 Resp: 318543

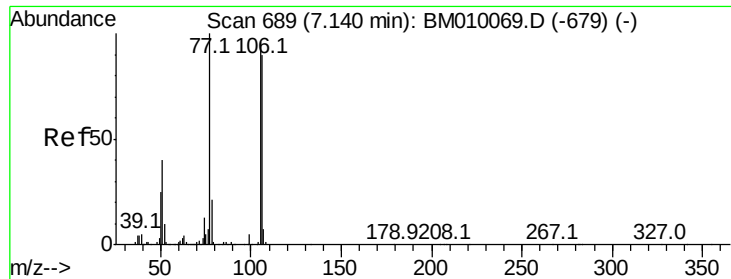
Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

64 50.9 24.9 64.9





#9

Benzaldehyde

Concen: 15.72 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.03 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

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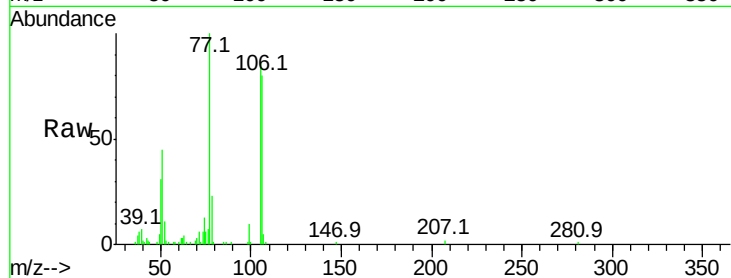
Tot Ion: 77 Resp: 93010

Ion Ratio Lower Upper

77 100

105 86.5 78.8 118.8

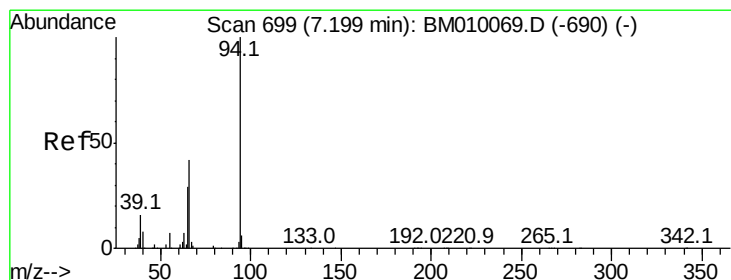
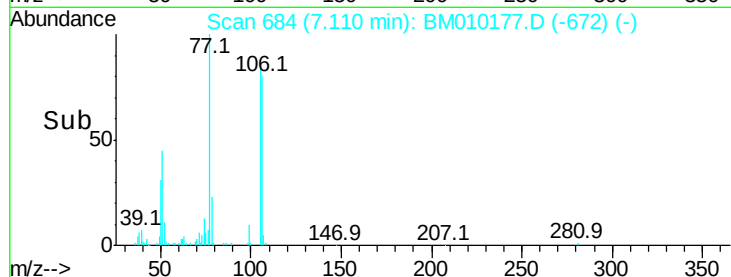
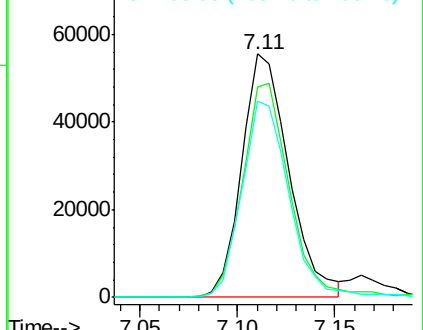
106 80.5 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM010177.D (-672) (-)

Ion 105.00 (104.70 to 105.70): BM010177.D (-672) (-)

Ion 106.00 (105.70 to 106.70): BM010177.D (-672) (-)



#10

Phenol

Concen: 40.42 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.03 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

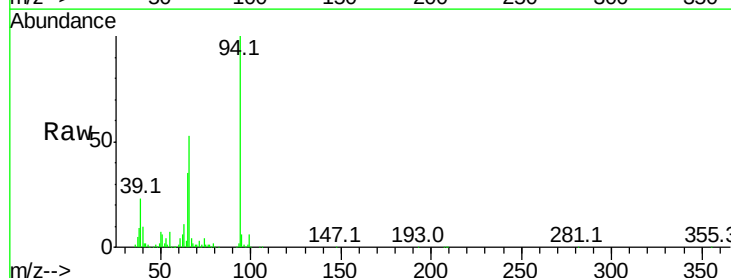
Tgt Ion: 94 Resp: 404808

Ion Ratio Lower Upper

94 100

65 35.3 18.8 58.8

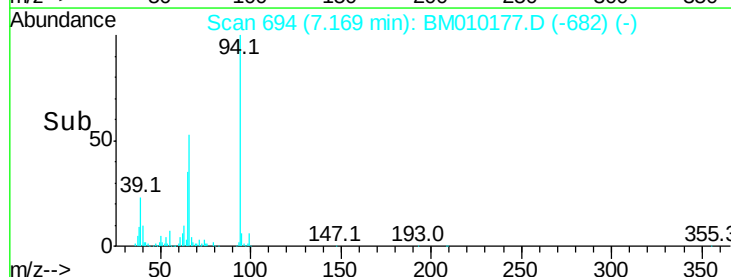
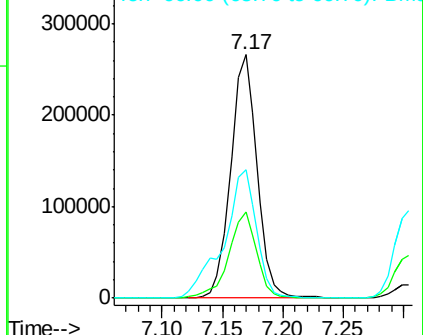
66 52.5 39.9 79.9

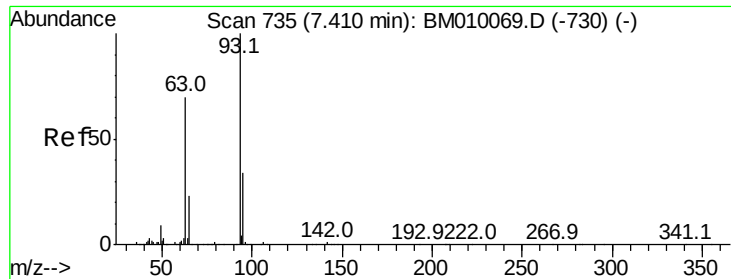


Abundance Ion 94.00 (93.70 to 94.70): BM010177.D (-682) (-)

Ion 65.00 (64.70 to 65.70): BM010177.D (-682) (-)

Ion 66.00 (65.70 to 66.70): BM010177.D (-682) (-)

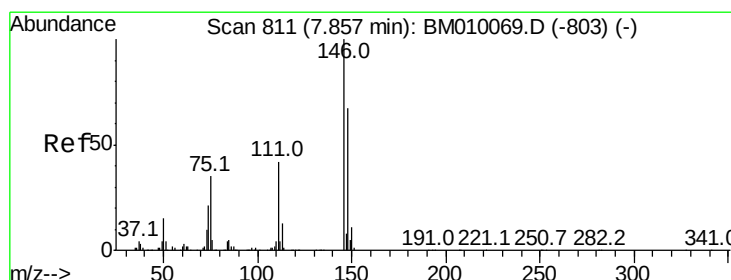
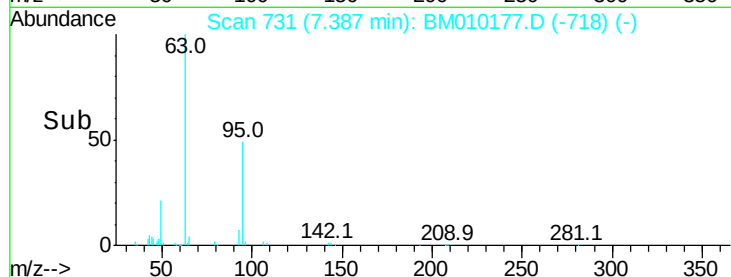
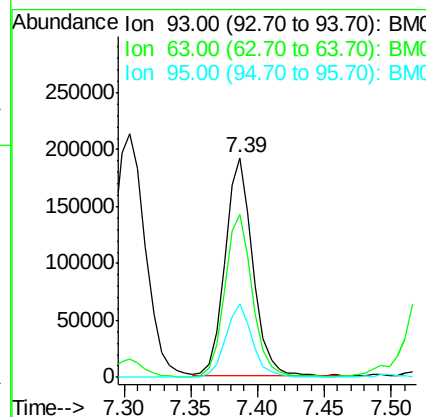
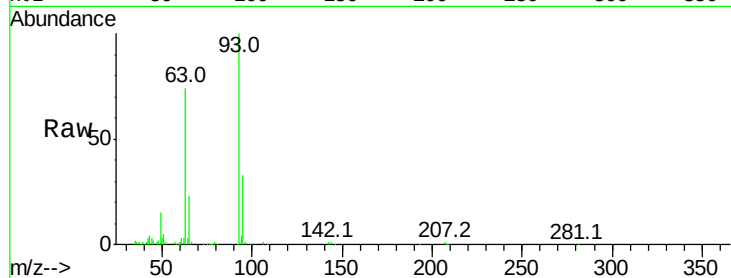




#11
bis(2-Chloroethyl)ether
Concen: 37.49 ng
RT: 7.39 min Scan# 731
Delta R.T. -0.02 min
Lab File: BM010177.D
Acq: 24 May 2017 13:03

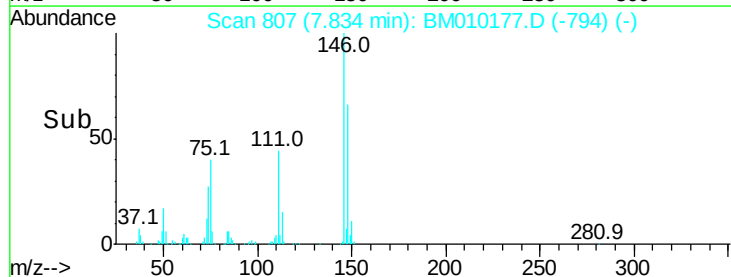
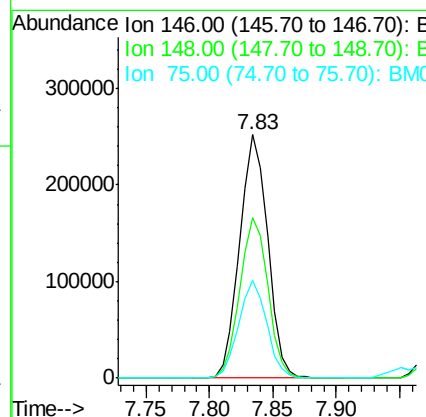
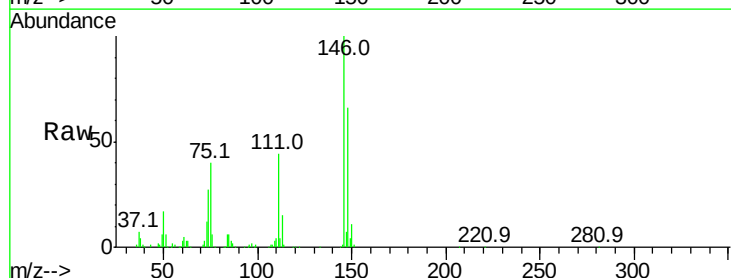
Instrument :
BNA_M
ClientSampleId :
PB99209BSD

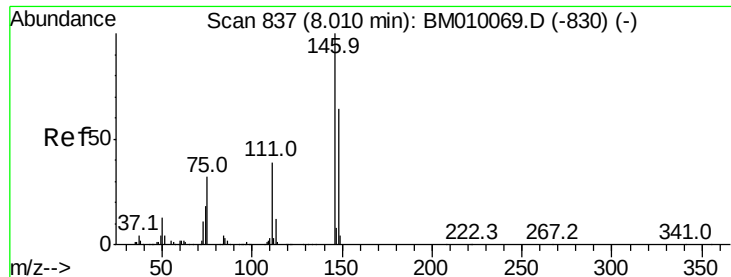
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.9	49.5	89.5
95	33.2	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 37.84 ng
RT: 7.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BM010177.D
Acq: 24 May 2017 13:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.9	76.3
75	39.9	21.4	32.2

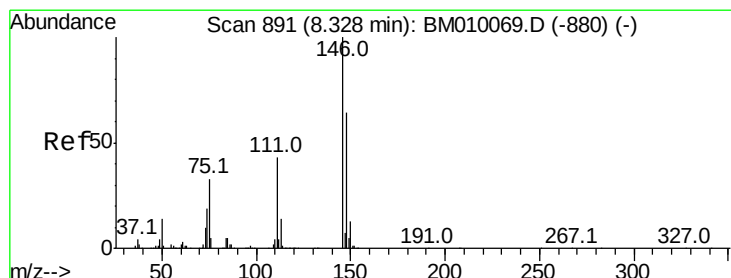
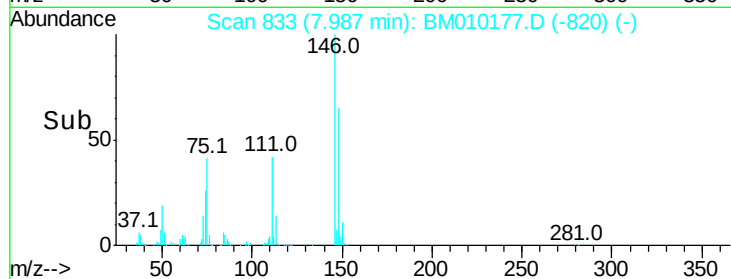
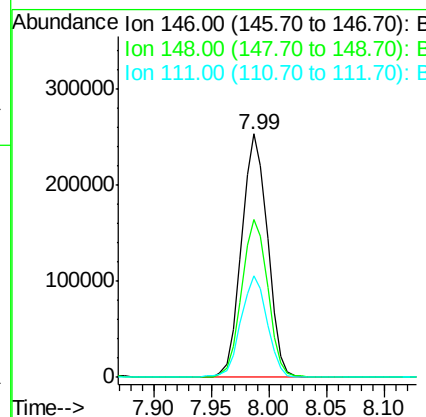
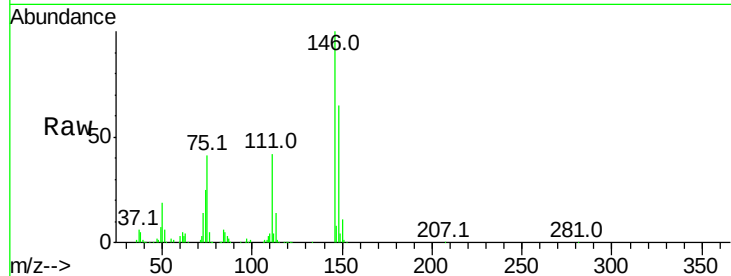




#13
 1,4-Dichlorobenzene
 Concen: 37.77 ng
 RT: 7.99 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BM010177.D
 Acq: 24 May 2017 13:03

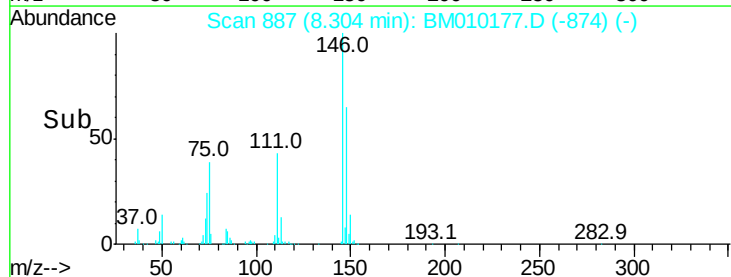
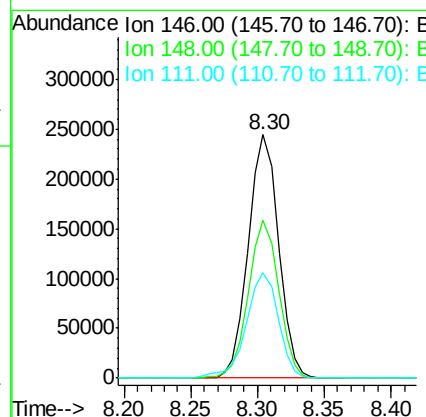
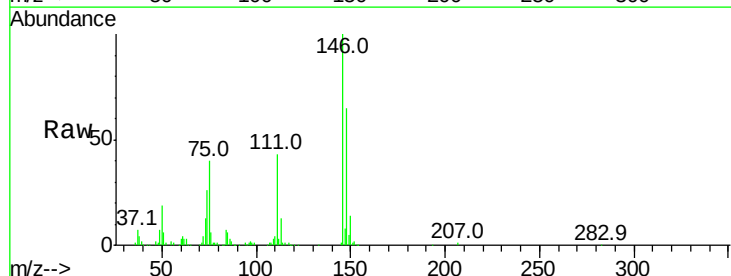
Instrument :
 BNA_M
 ClientSampleId :
 PB99209BSD

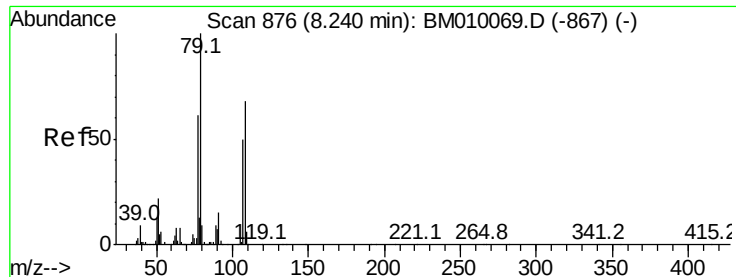
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.9	77.9
111	41.7	29.2	43.8



#14
 1,2-Dichlorobenzene
 Concen: 38.04 ng
 RT: 8.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BM010177.D
 Acq: 24 May 2017 13:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.3	78.5
111	43.4	30.6	45.8





#15

Benzyl Alcohol

Concen: 43.15 ng

RT: 8.22 min Scan# 872

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Instrument :

BNA_M

ClientSampleID :

PB99209BSD

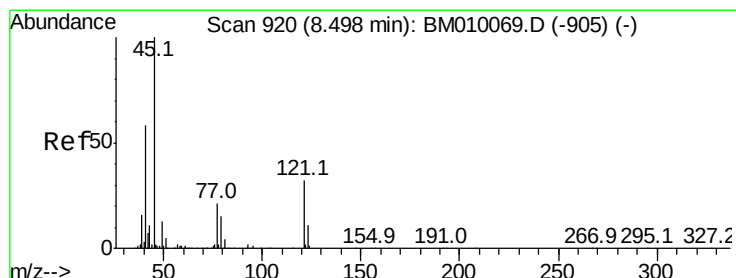
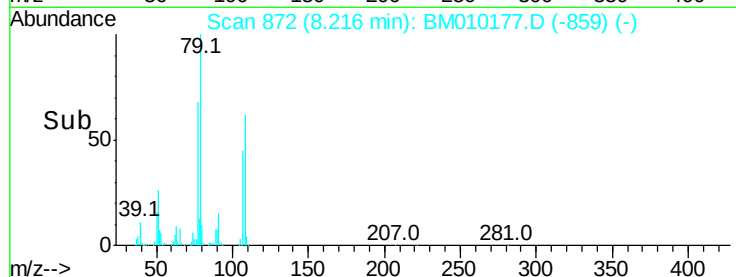
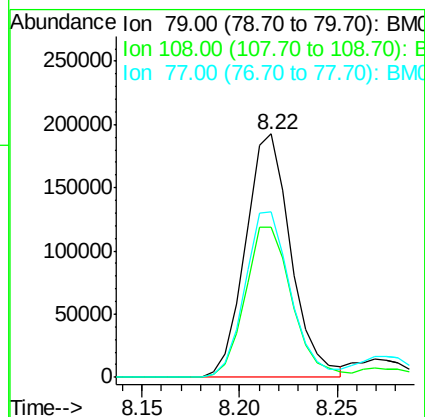
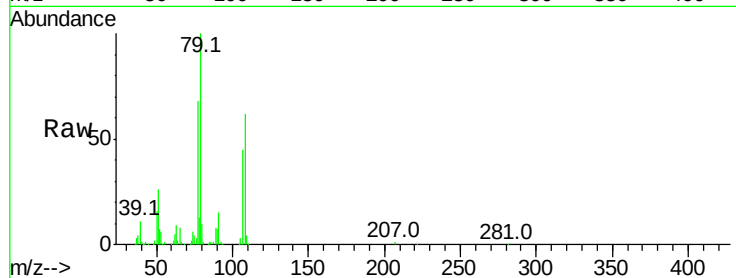
Tot Ion: 79 Resp: 310275

Ion Ratio Lower Upper

79 100

108 61.7 65.0 97.4#

77 68.1 53.0 79.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.47 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

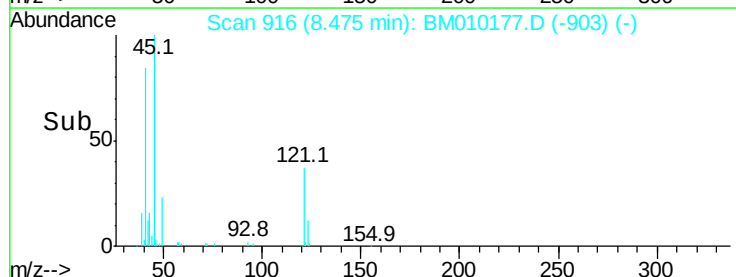
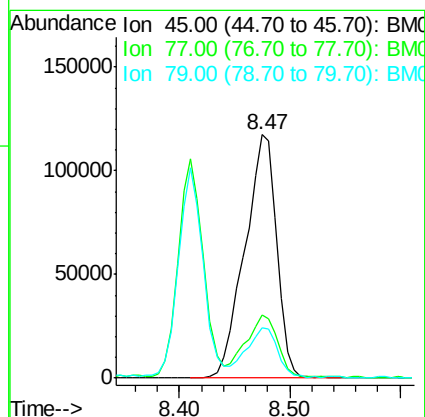
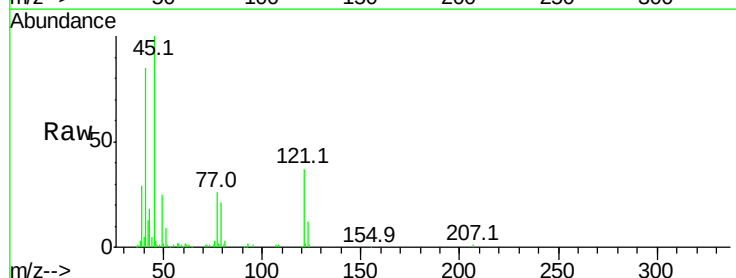
Tgt Ion: 45 Resp: 238317

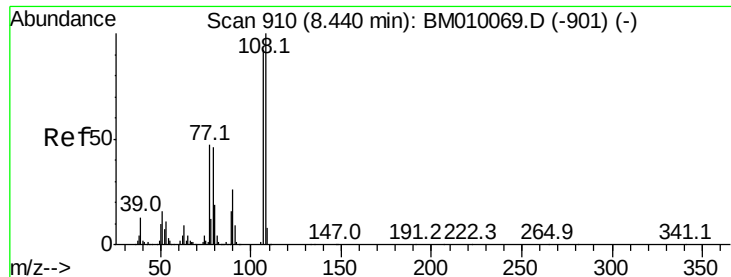
Ion Ratio Lower Upper

45 100

77 26.0 0.0 35.2

79 20.5 0.0 32.0





#17

2-Methylphenol

Concen: 37.26 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.03 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Instrument :

BNA_M

ClientSampleId :

PB99209BSD

Tot Ion:107 Resp: 265561

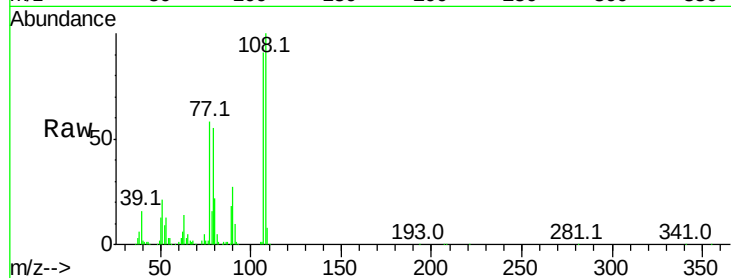
Ion Ratio Lower Upper

107 100

108 109.6 89.8 134.8

77 63.4 32.6 48.8#

79 60.5 32.8 49.2#

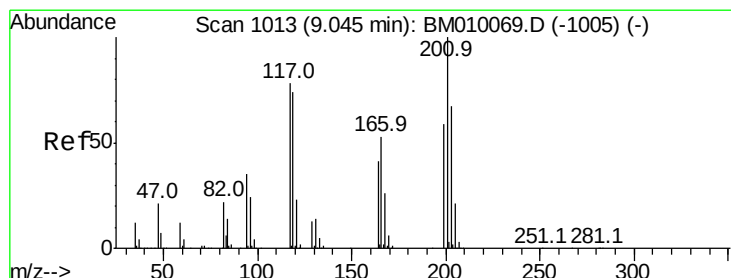
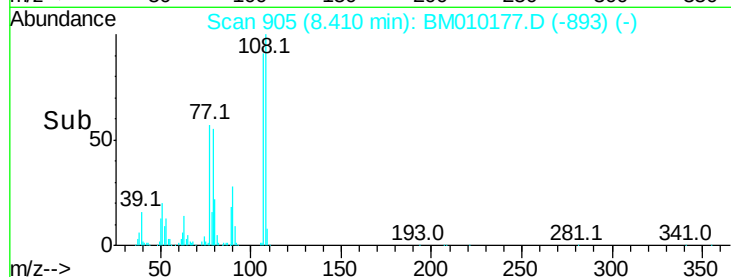
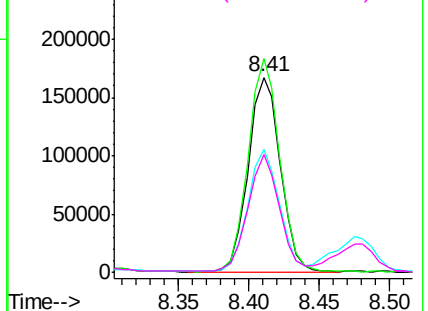


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 39.51 ng

RT: 9.02 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

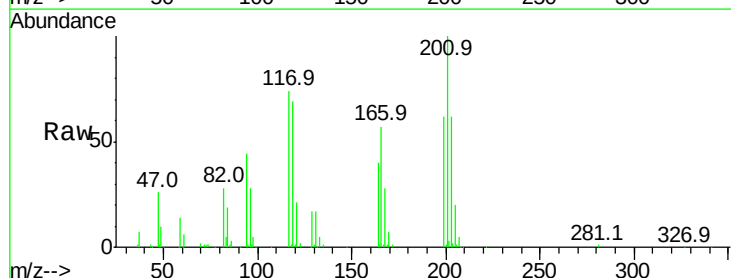
Tgt Ion:117 Resp: 134371

Ion Ratio Lower Upper

117 100

119 92.1 79.2 118.8

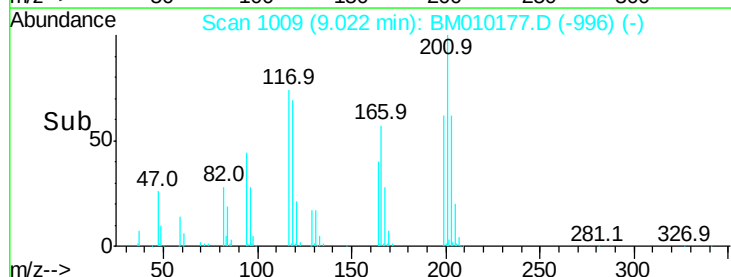
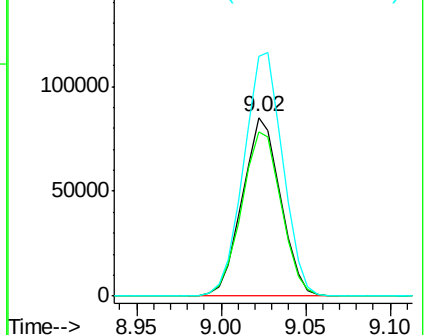
201 134.3 69.8 104.6#

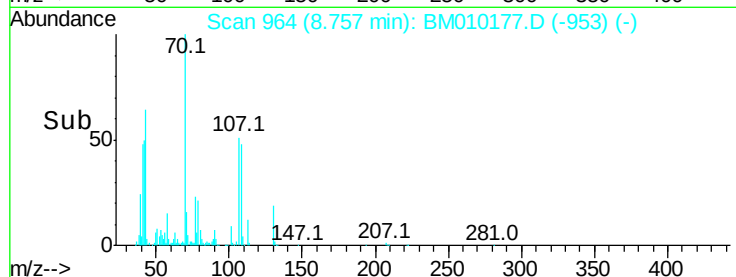
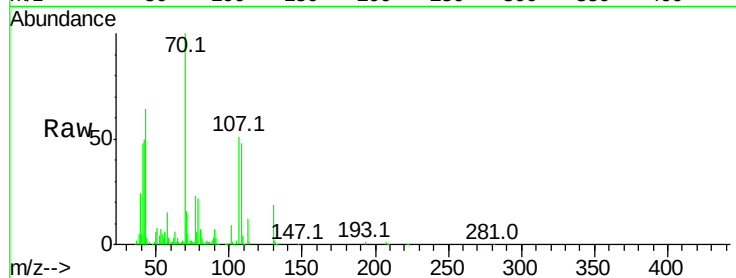
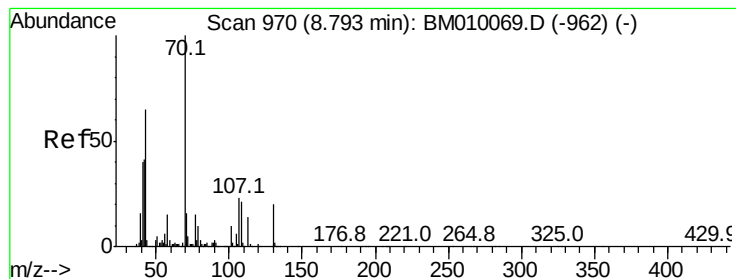


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.69 ng

RT: 8.76 min Scan# 964

Delta R.T. -0.04 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Instrument :

BNA_M

ClientSampleId :

PB99209BSD

Tot Ion: 70 Resp: 266287

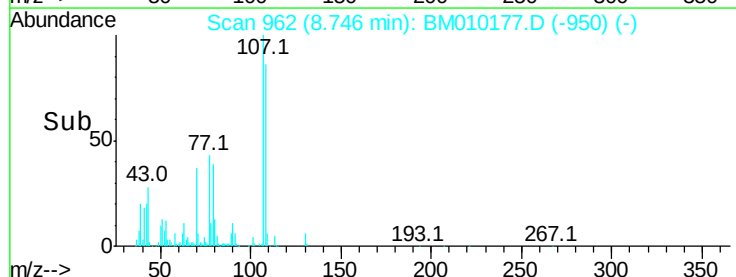
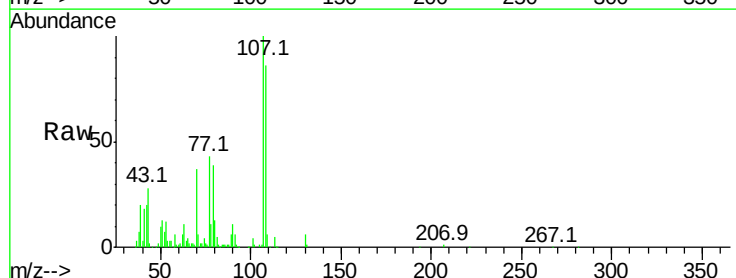
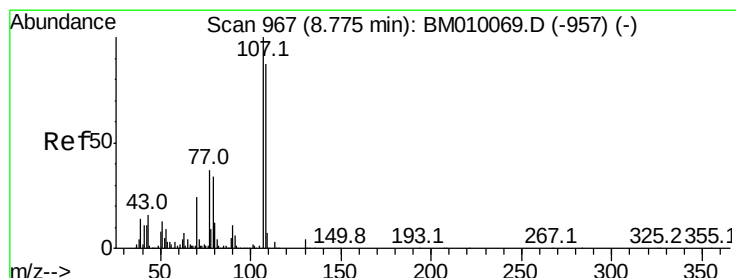
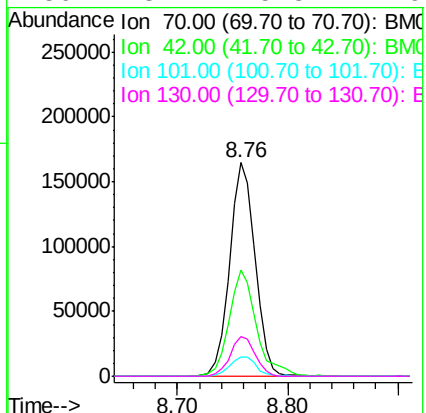
Ion	Ratio	Lower	Upper
70	100		
42	49.5	44.5	66.7
101	8.8	7.4	11.2
130	18.7	15.3	22.9

70 100

42 49.5 44.5 66.7

101 8.8 7.4 11.2

130 18.7 15.3 22.9



#20

3+4-Methylphenols

Concen: 37.32 ng

RT: 8.75 min Scan# 962

Delta R.T. -0.03 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Tgt Ion: 107 Resp: 359178

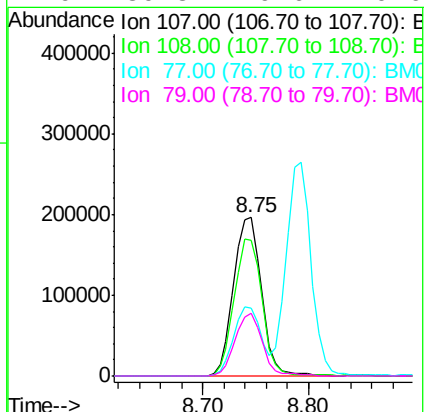
Ion	Ratio	Lower	Upper
107	100		
108	86.0	73.2	113.2
77	43.2	10.7	50.7
79	39.3	9.6	49.6

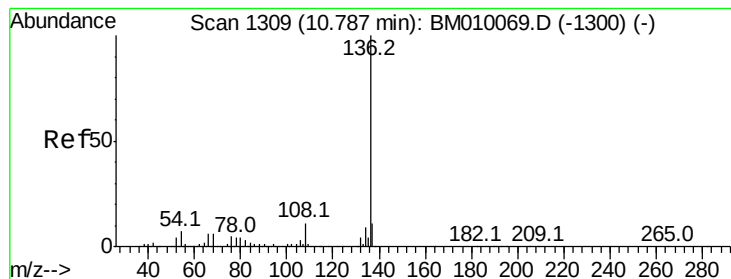
107 100

108 86.0 73.2 113.2

77 43.2 10.7 50.7

79 39.3 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1304

Delta R.T. -0.03 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Instrument :

BNA_M

ClientSampleId :

PB99209BSD

Tot Ion:136 Resp: 454191

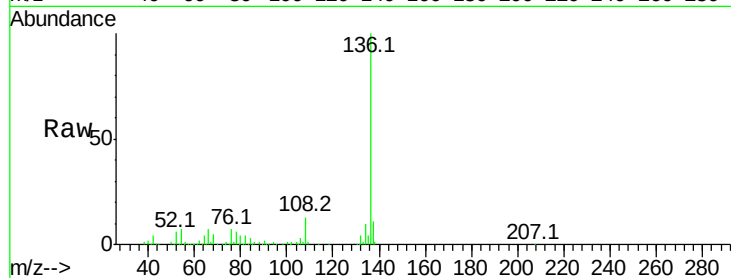
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.9 4.6 6.8#

68 4.8 3.7 5.5

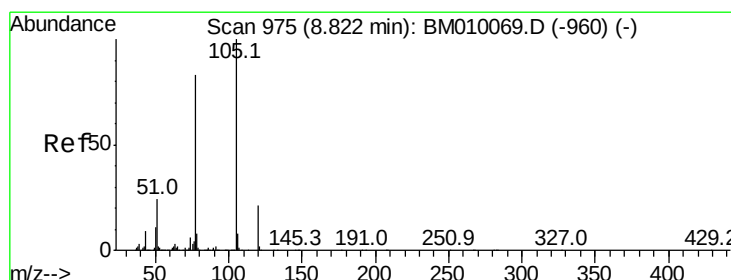
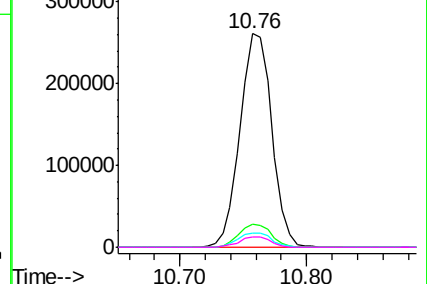
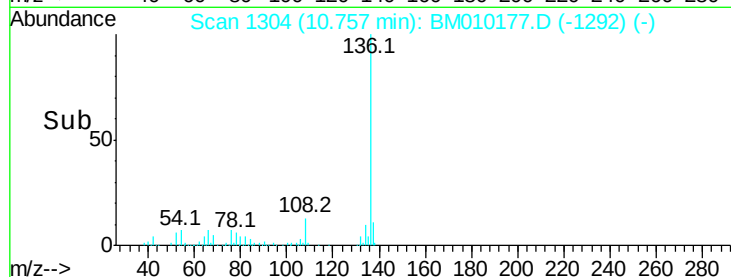


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



#22

Acetophenone

Concen: 41.73 ng

RT: 8.79 min Scan# 970

Delta R.T. -0.03 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Tgt Ion:105 Resp: 485829

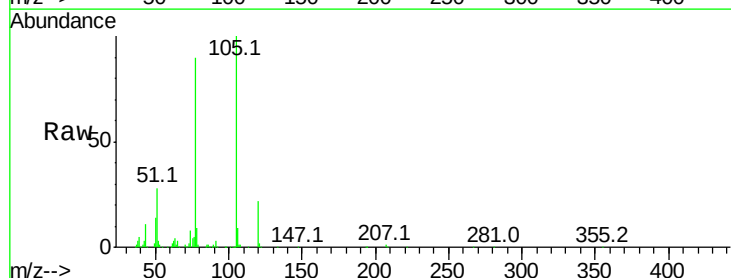
Ion Ratio Lower Upper

105 100

71 0.2 0.6 1.0#

51 28.2 21.6 32.4

120 22.5 16.1 24.1

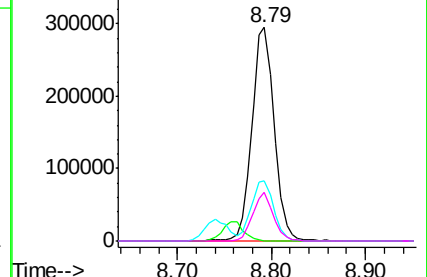
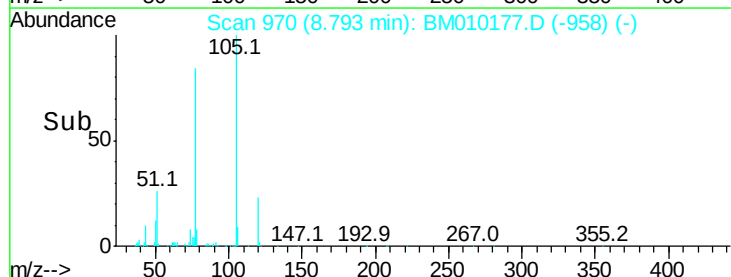


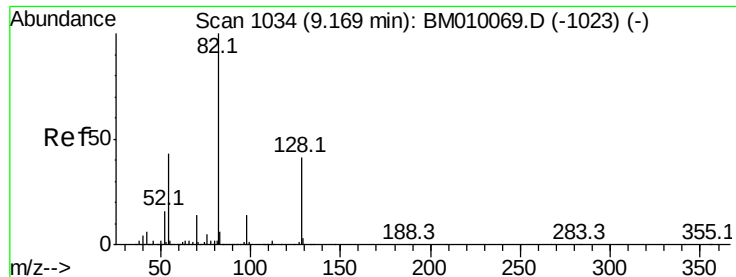
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E

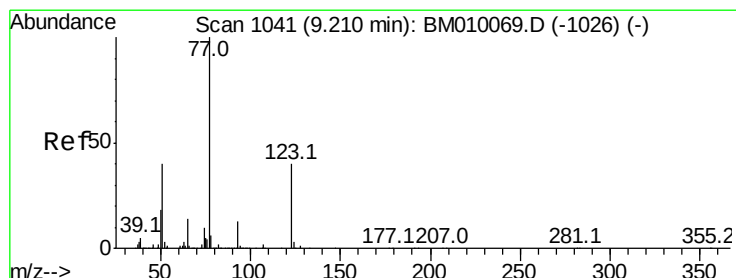
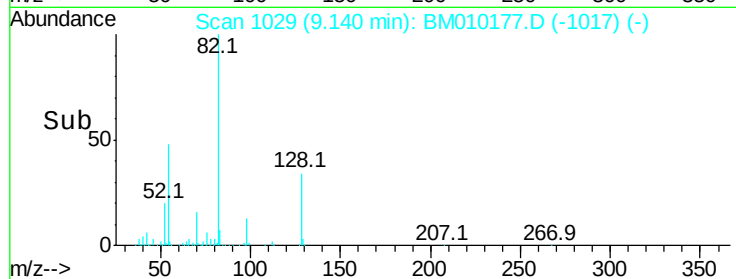
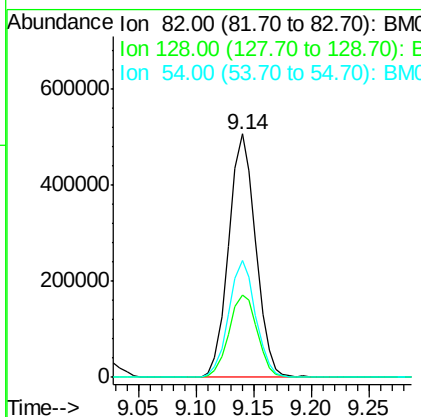
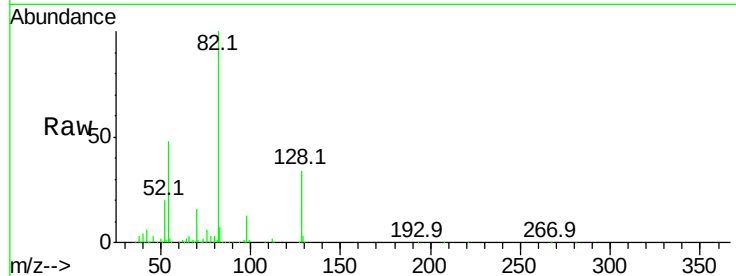




#23
 Nitrobenzene-d5
 Concen: 98.06 ng
 RT: 9.14 min Scan# 1029
 Delta R.T. -0.03 min
 Lab File: BM010177.D
 Acq: 24 May 2017 13:03

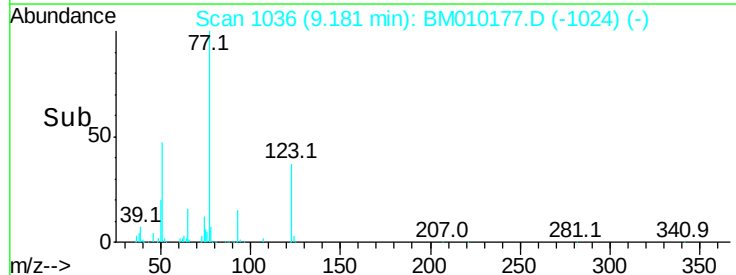
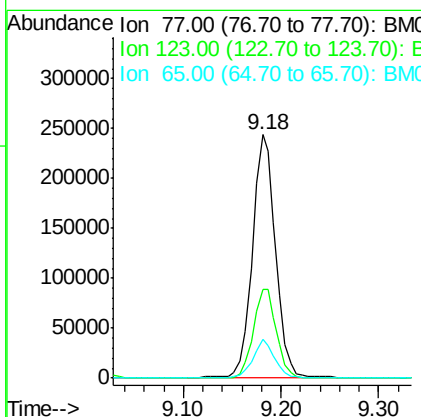
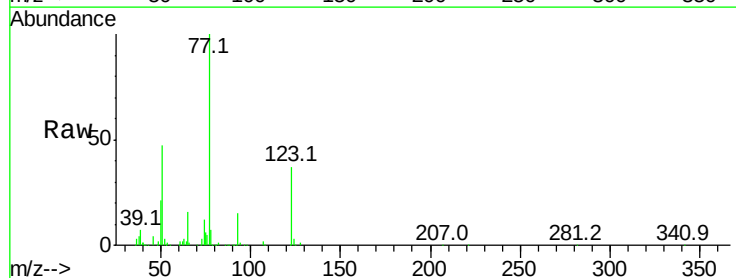
Instrument :
 BNA_M
 ClientSampleId :
 PB99209BSD

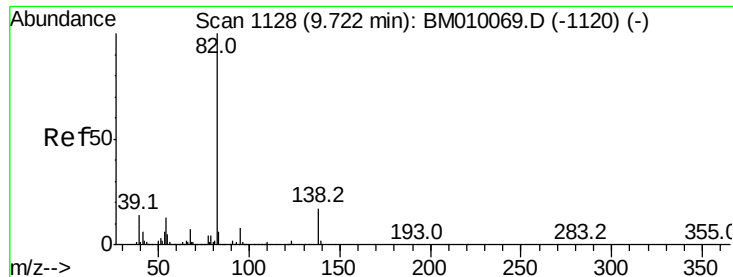
Tot Ion	82	Resp	825500
Ion Ratio	100	Lower	Upper
128	33.6	32.8	49.2
54	48.0	40.6	60.8



#24
 Nitrobenzene
 Concen: 47.07 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BM010177.D
 Acq: 24 May 2017 13:03

Tgt Ion	77	Resp	408265
Ion Ratio	100	Lower	Upper
123	36.6	32.6	49.0
65	16.0	10.9	16.3





#25

Isophorone

Concen: 43.55 ng

RT: 9.69 min Scan# 1122

Delta R.T. -0.04 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Instrument :

BNA_M

ClientSampleId :

PB99209BSD

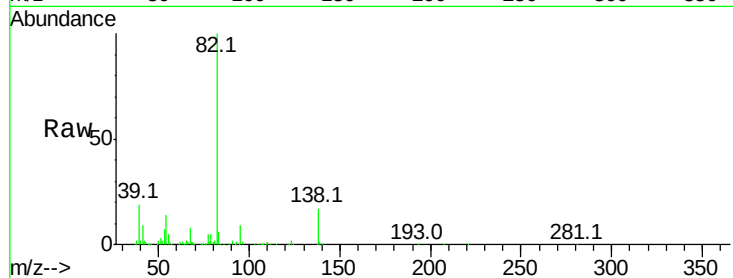
Tot Ion: 82 Resp: 633469

Ion Ratio Lower Upper

82 100

95 9.0 5.8 8.6#

138 17.2 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM010069.D (-1120) (-)

Ion 95.00 (94.70 to 95.70): BM010069.D (-1120) (-)

Ion 138.00 (137.70 to 138.70): BM010069.D (-1120) (-)

9.69

400000

300000

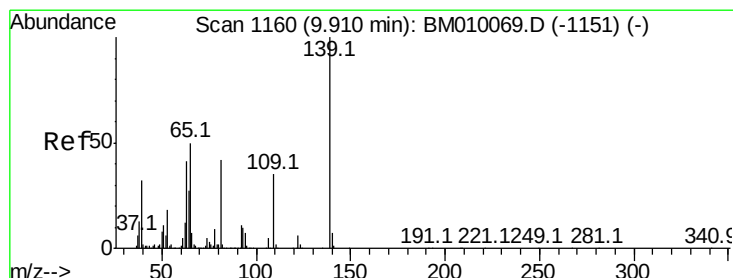
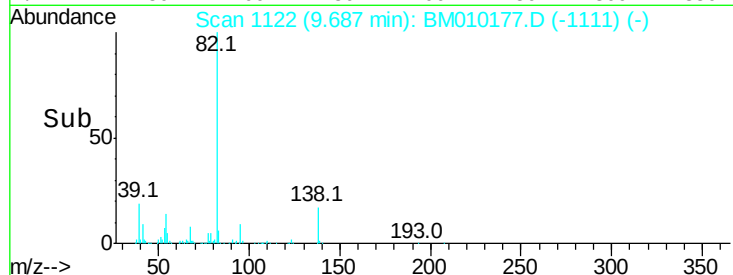
200000

100000

0

9.60 9.65 9.70 9.75 9.80

Time-->



#26

2-Nitrophenol

Concen: 43.74 ng

RT: 9.88 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

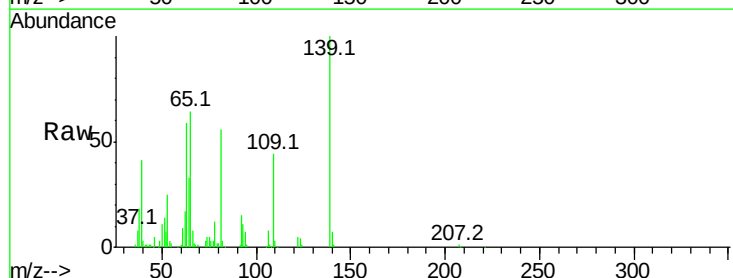
Tgt Ion: 139 Resp: 159901

Ion Ratio Lower Upper

139 100

109 43.6 20.1 30.1#

65 64.1 31.5 47.3#



Abundance Ion 139.00 (138.70 to 139.70): BM010069.D (-1151) (-)

Ion 109.00 (108.70 to 109.70): BM010069.D (-1151) (-)

Ion 65.00 (64.70 to 65.70): BM010069.D (-1151) (-)

9.88

120000

100000

80000

60000

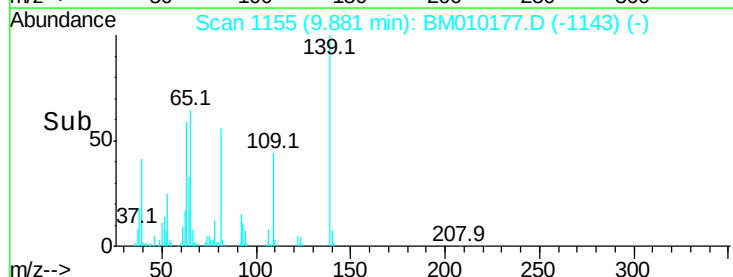
40000

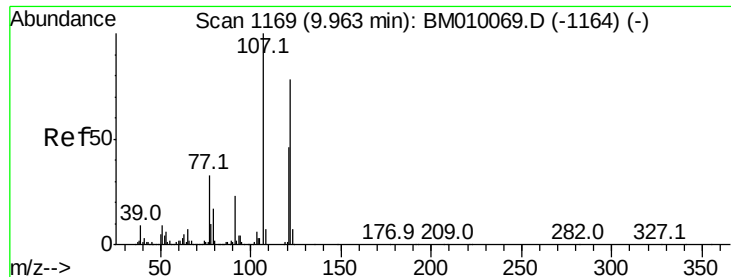
20000

0

9.80 9.90

Time-->





#27

2,4-Dimethylphenol

Concen: 41.33 ng

RT: 9.94 min Scan# 1165

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Instrument :

BNA_M

ClientSampleId :

PB99209BSD

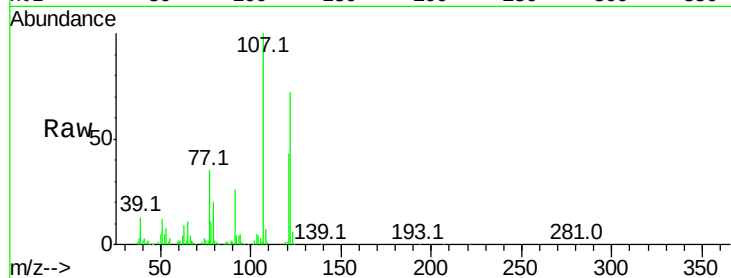
Tot Ion:122 Resp: 272820

Ion Ratio Lower Upper

122 100

107 138.3 84.7 127.1#

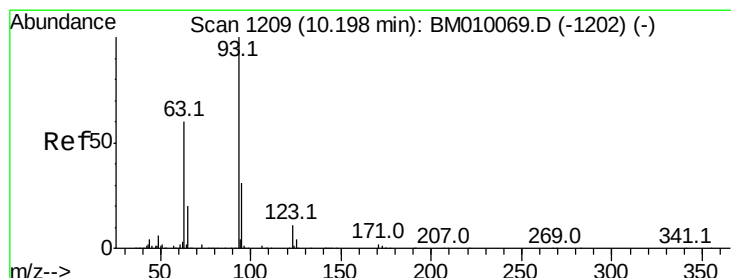
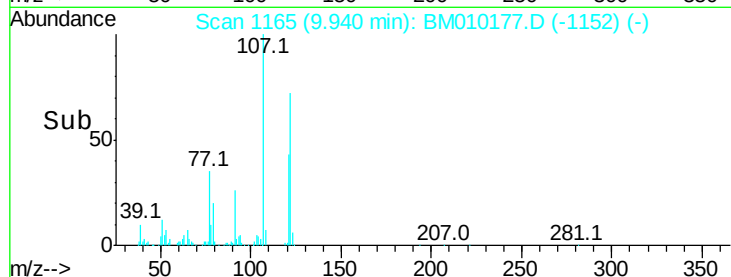
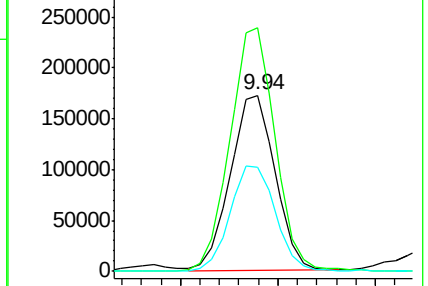
121 59.4 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.15 ng

RT: 10.17 min Scan# 1204

Delta R.T. -0.03 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

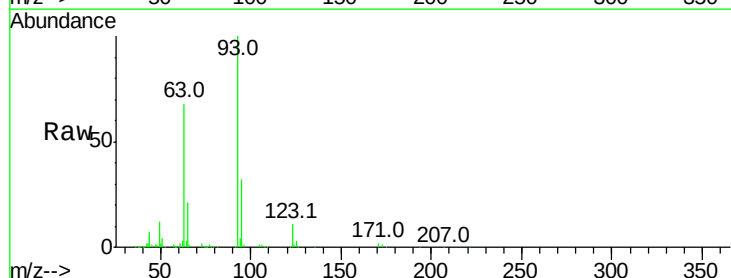
Tgt Ion: 93 Resp: 361411

Ion Ratio Lower Upper

93 100

95 32.2 25.5 38.3

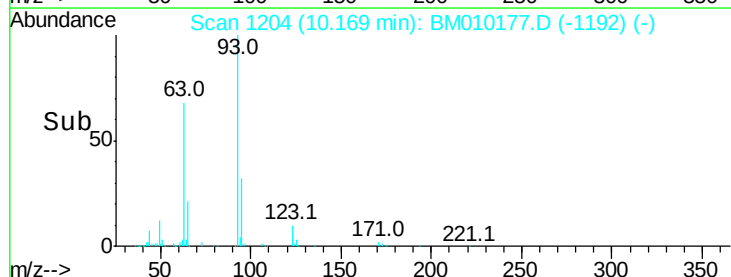
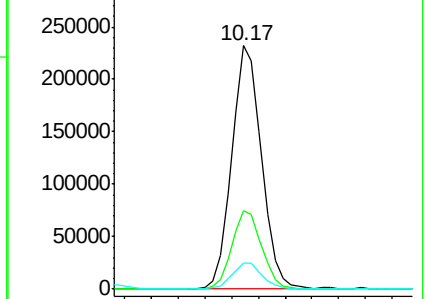
123 10.6 8.6 13.0

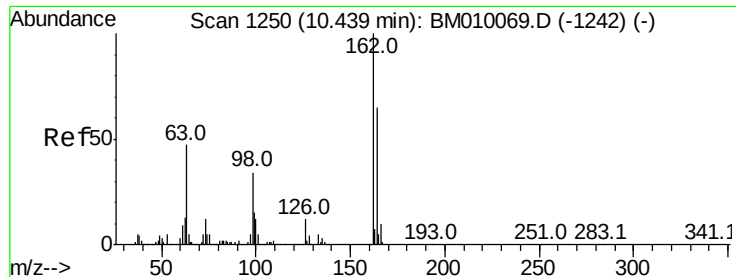


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

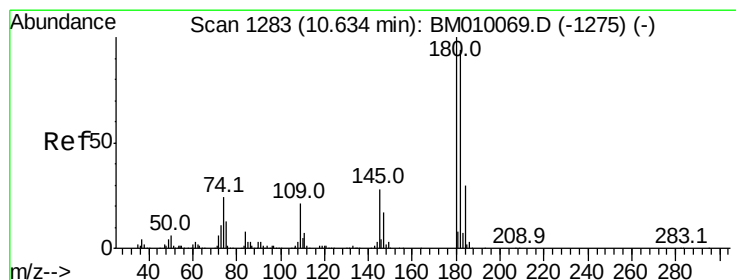
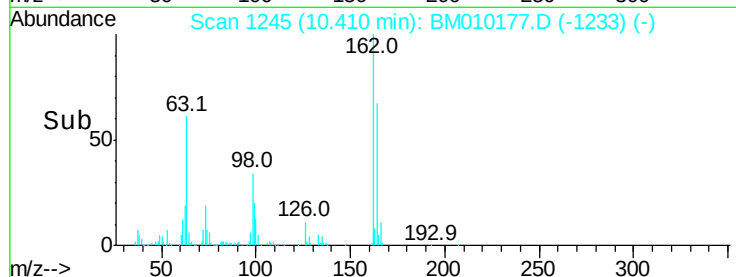
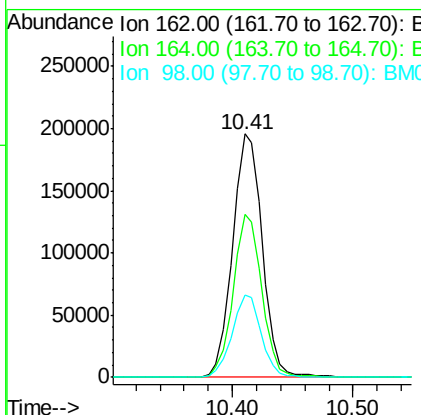
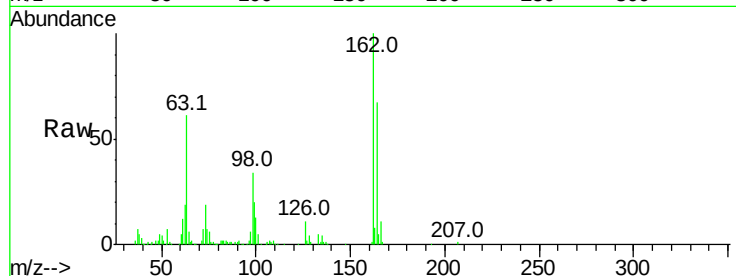




#29
 2,4-Dichlorophenol
 Concen: 44.09 ng
 RT: 10.41 min Scan# 1245
 Delta R.T. -0.03 min
 Lab File: BM010177.D
 Acq: 24 May 2017 13:03

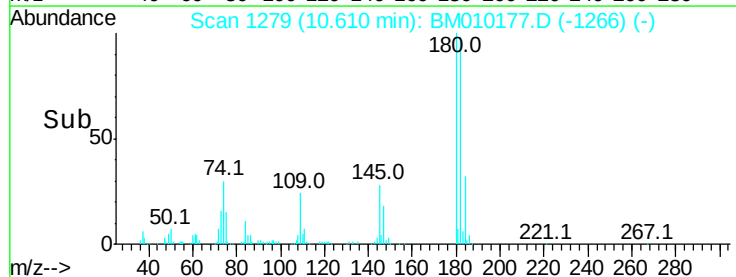
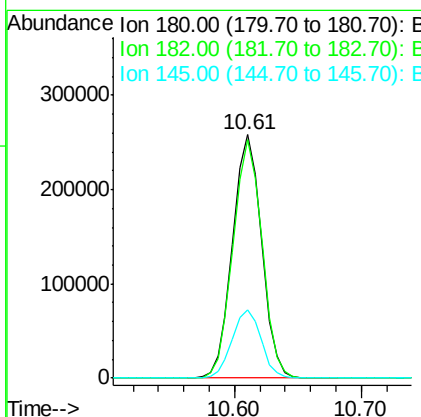
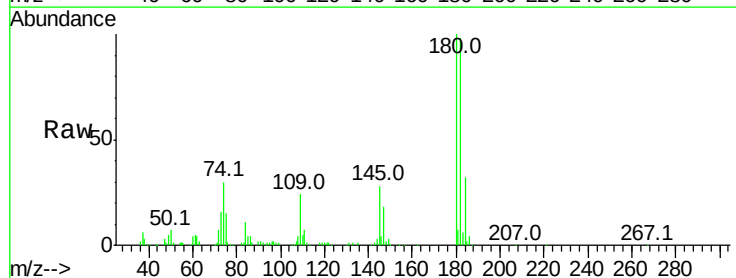
Instrument :
 BNA_M
 ClientSampleId :
 PB99209BSD

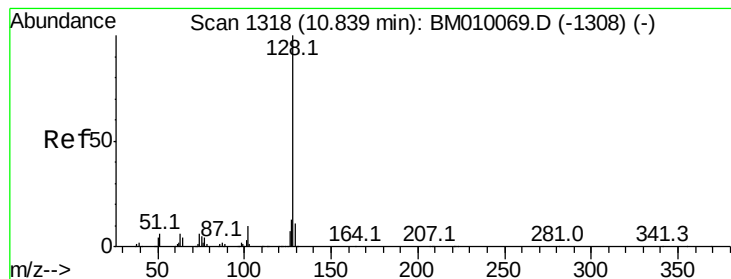
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.7	42.8	82.8
98	33.6	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 41.60 ng
 RT: 10.61 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BM010177.D
 Acq: 24 May 2017 13:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	77.6	116.4
145	28.1	23.4	35.2

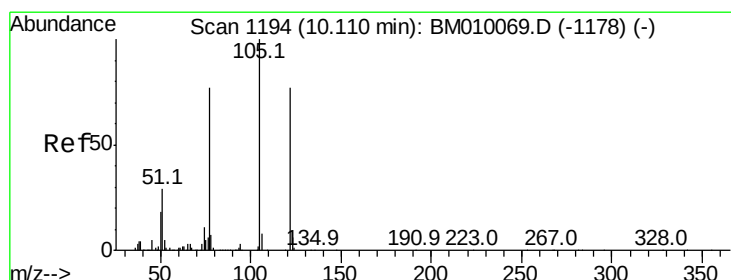
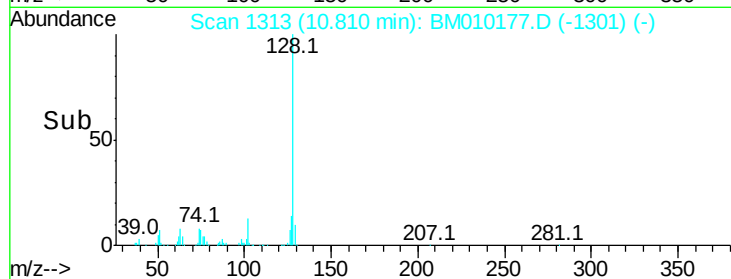
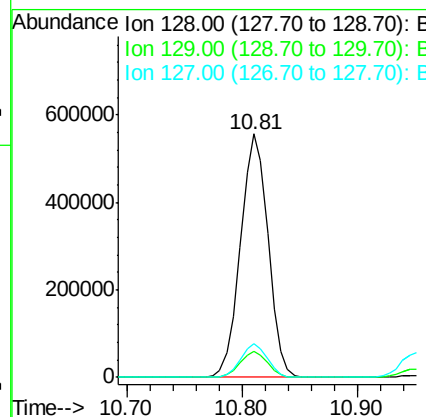
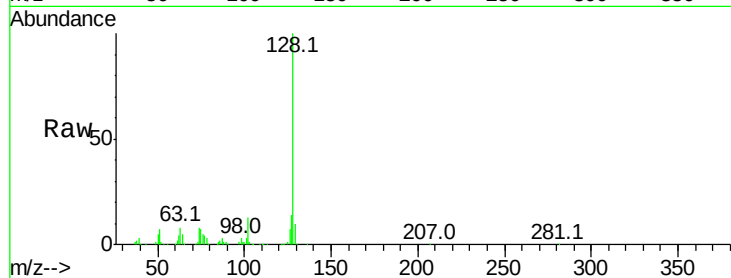




#31
Naphthalene
Concen: 37.84 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.03 min
Lab File: BM010177.D
Acq: 24 May 2017 13:03

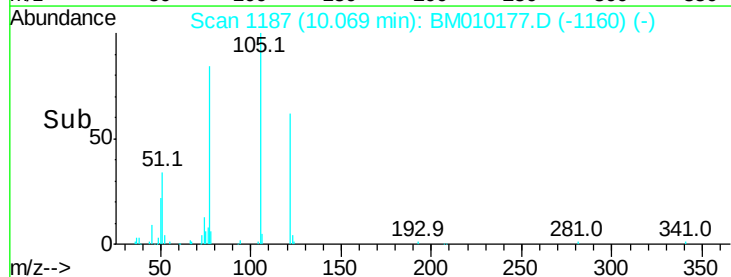
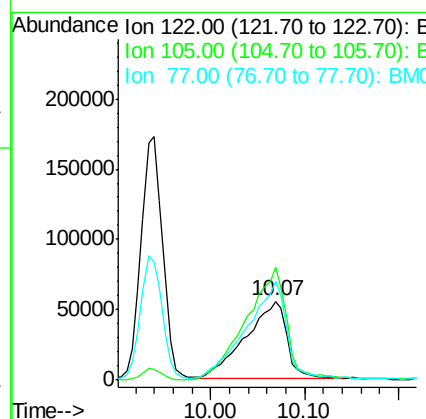
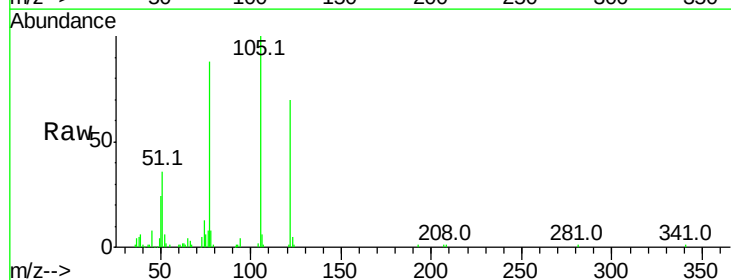
Instrument :
BNA_M
ClientSampleId :
PB99209BSD

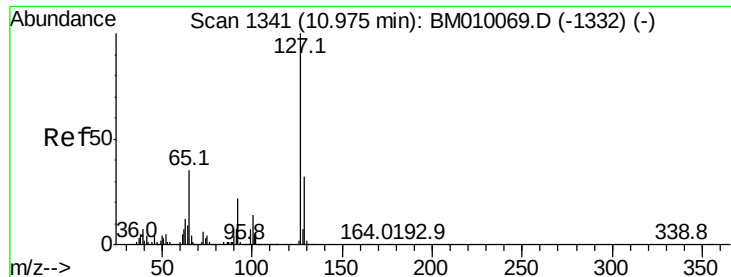
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.9	13.3
127	13.9	10.4	15.6



#32
Benzoic acid
Concen: 37.92 ng
RT: 10.07 min Scan# 1187
Delta R.T. -0.04 min
Lab File: BM010177.D
Acq: 24 May 2017 13:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	142.9	99.9	139.9#
77	126.1	73.7	113.7#

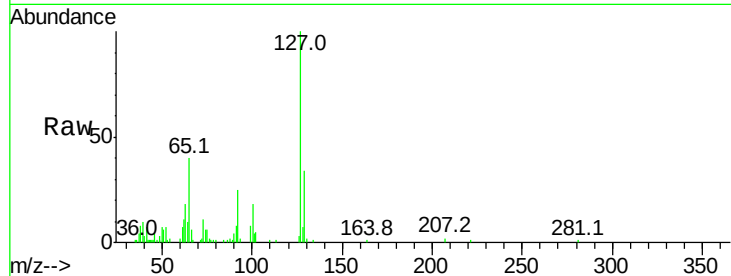




#33
4-Chloroaniline
Concen: 11.52 ng
RT: 10.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BM010177.D
Acq: 24 May 2017 13:03

Instrument :
BNA_M
ClientSampleId :
PB99209BSD

Tot Ion:	127	Resp:	107820
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.3	37.9
65	39.5	17.6	26.4
92	24.6	13.1	19.7



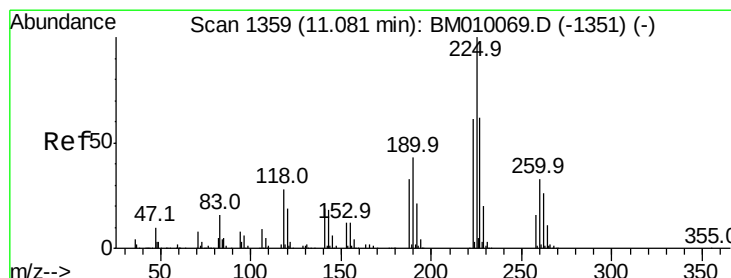
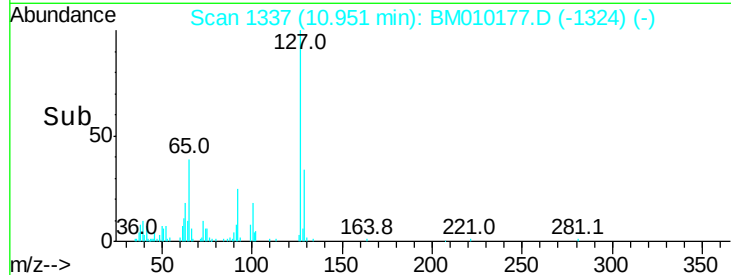
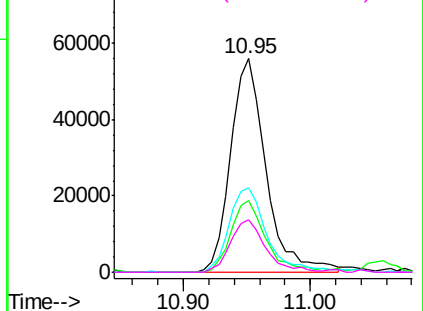
Abundance

Ion 129.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

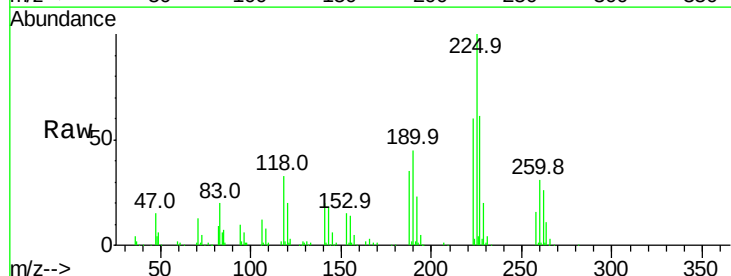
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 43.58 ng
RT: 11.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BM010177.D
Acq: 24 May 2017 13:03

Tgt Ion:	225	Resp:	285863
Ion	Ratio	Lower	Upper
225	100		
223	60.1	47.9	71.9
227	61.1	50.1	75.1

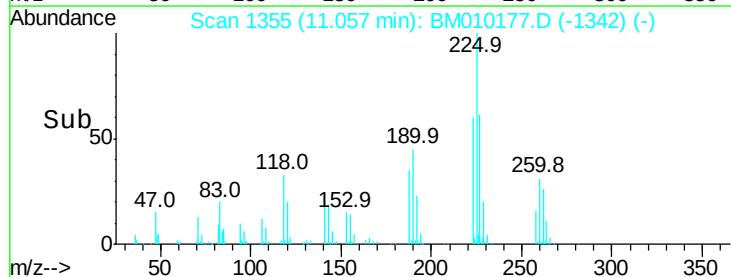
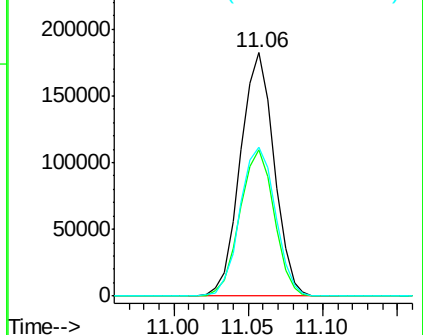


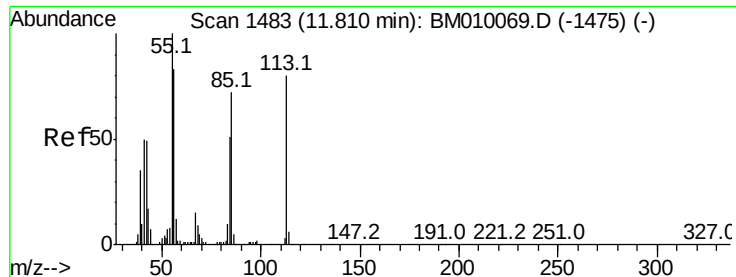
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.53 ng

RT: 11.76 min Scan# 1474

Delta R.T. -0.05 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Instrument :

BNA_M

ClientSampleId :

PB99209BSD

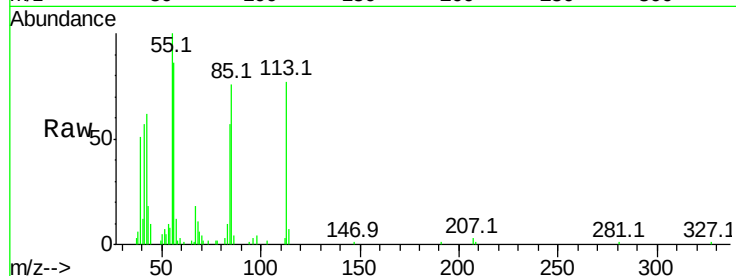
Tot Ion:113 Resp: 77479

Ion Ratio Lower Upper

113 100

55 130.7 145.9 185.9#

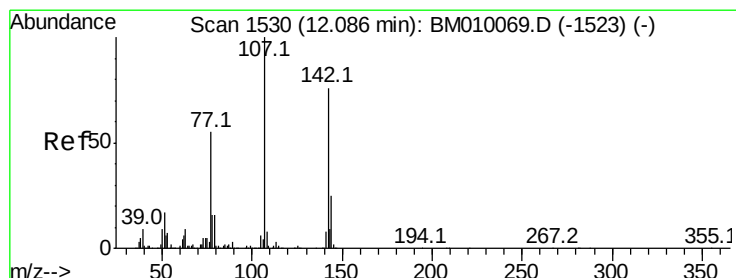
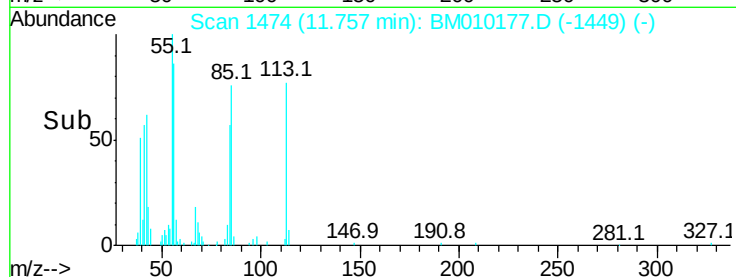
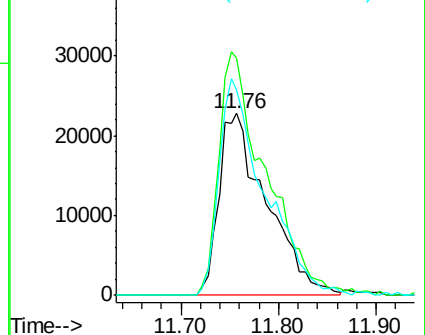
56 112.6 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 38.71 ng

RT: 12.06 min Scan# 1525

Delta R.T. -0.03 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

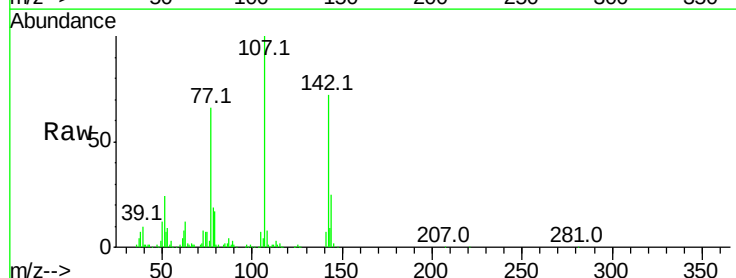
Tgt Ion:107 Resp: 318608

Ion Ratio Lower Upper

107 100

144 25.0 23.3 34.9

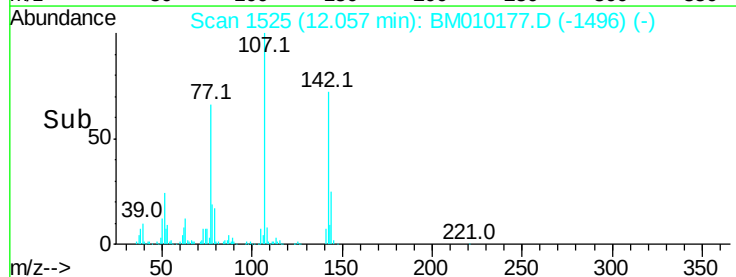
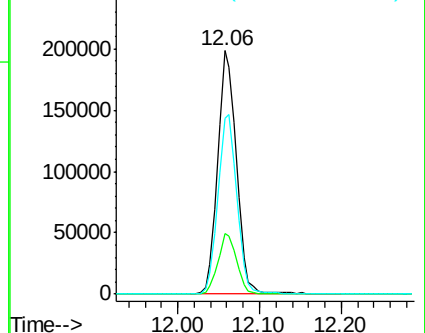
142 72.3 72.6 109.0#

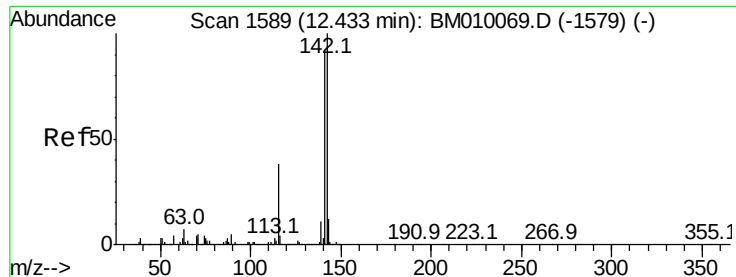


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

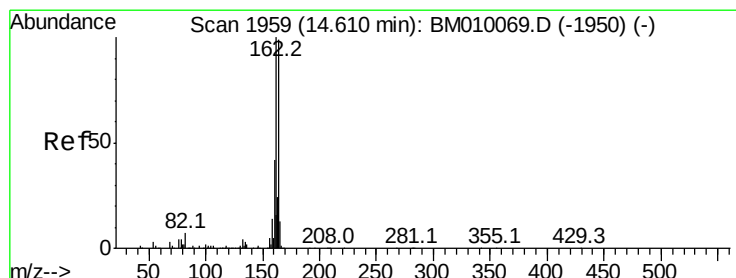
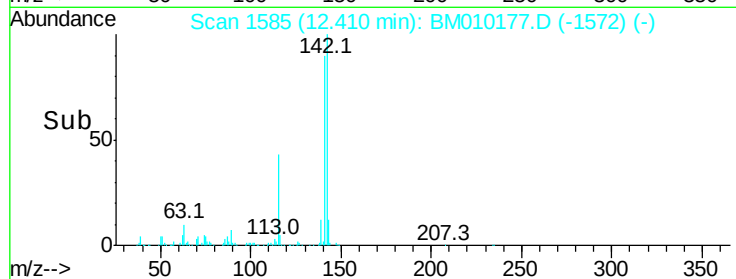
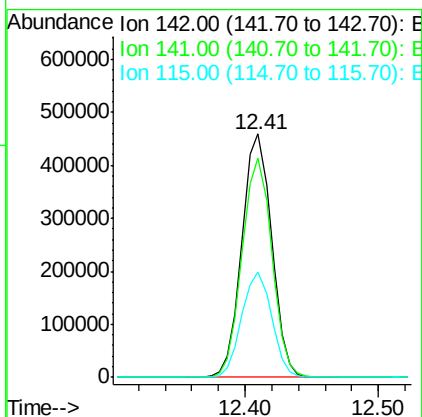
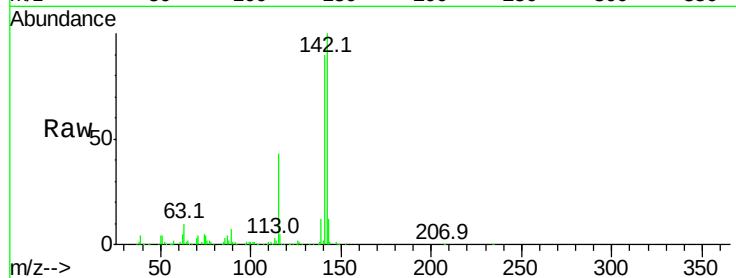




#37
 2-Methylnaphthalene
 Concen: 40.42 ng
 RT: 12.41 min Scan# 1585
 Delta R.T. -0.02 min
 Lab File: BM010177.D
 Acq: 24 May 2017 13:03

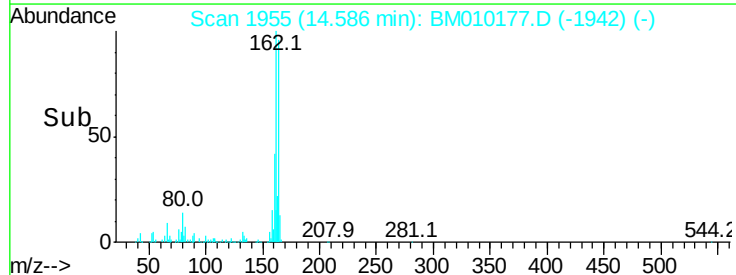
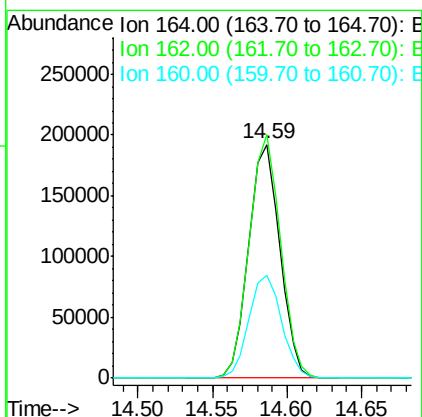
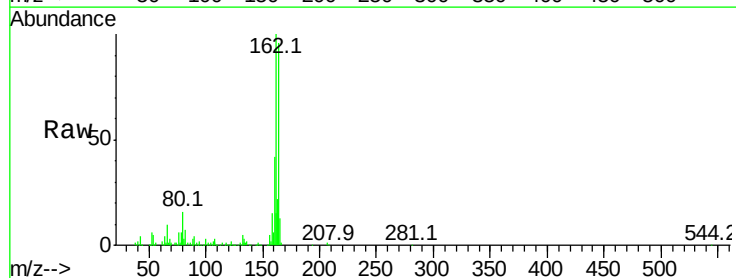
Instrument :
 BNA_M
 ClientSampleId :
 PB99209BSD

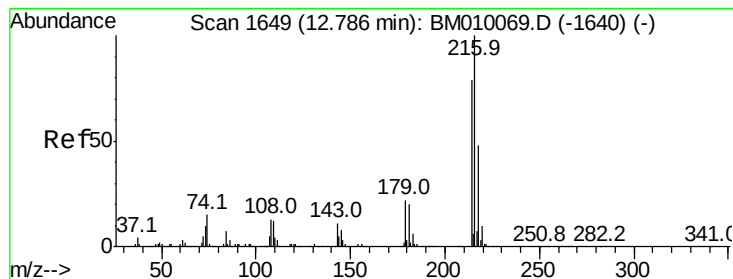
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.9	107.9
115	43.5	25.4	38.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1955
 Delta R.T. -0.02 min
 Lab File: BM010177.D
 Acq: 24 May 2017 13:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.4	123.6
160	43.8	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.74 ng

RT: 12.76 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Instrument :

BNA_M

ClientSampleId :

PB99209BSD

Tot Ion:216 Resp: 467431

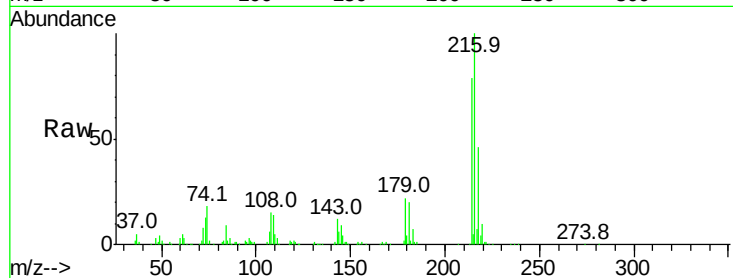
Ion Ratio Lower Upper

216 100

214 79.3 0.0 0.0#

179 21.4 0.0 0.0#

108 14.8 0.0 0.0#

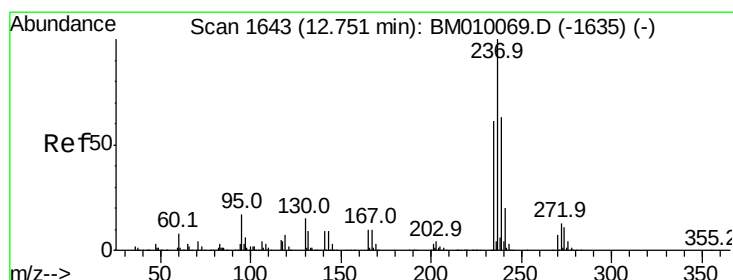
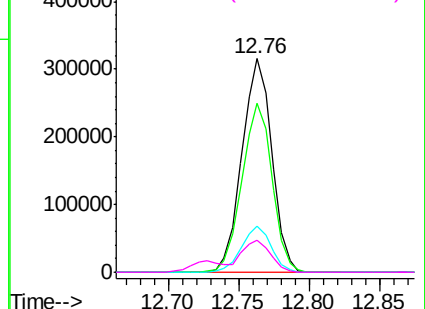
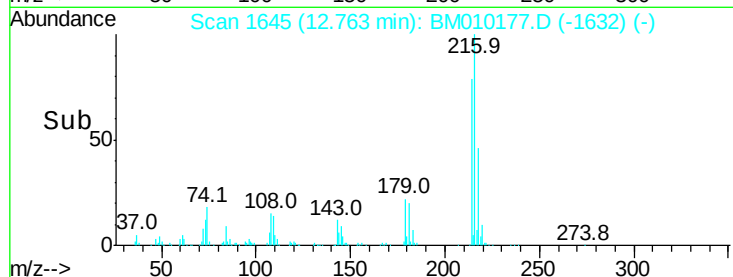


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 111.41 ng

RT: 12.73 min Scan# 1639

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

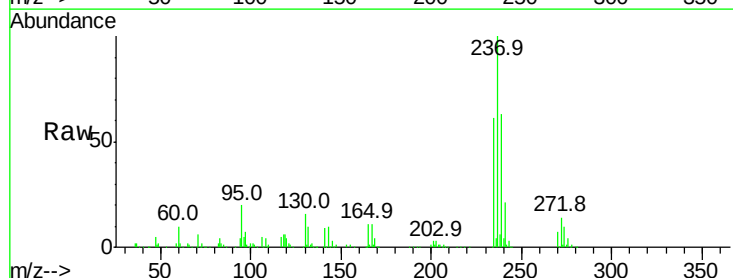
Tgt Ion:237 Resp: 687414

Ion Ratio Lower Upper

237 100

235 61.3 42.0 82.0

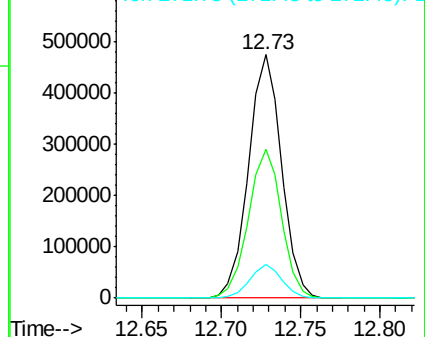
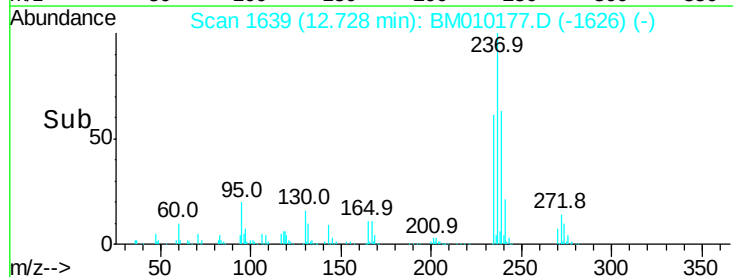
272 13.6 0.0 33.4

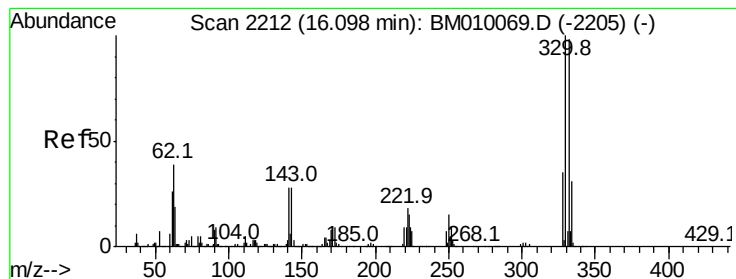


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 85.47 ng

RT: 16.07 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Instrument :

BNA_M

ClientSampleId :

PB99209BSD

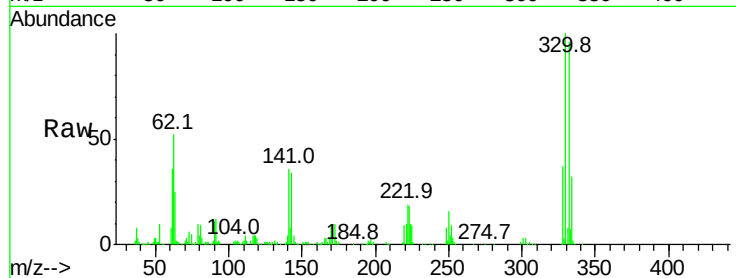
Tot Ion:330 Resp: 360719

Ion Ratio Lower Upper

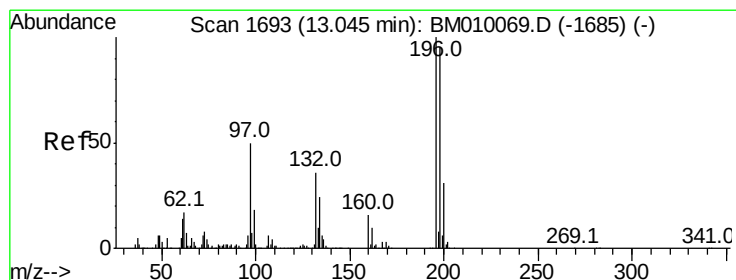
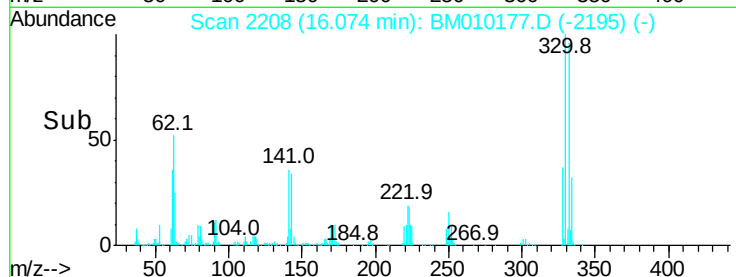
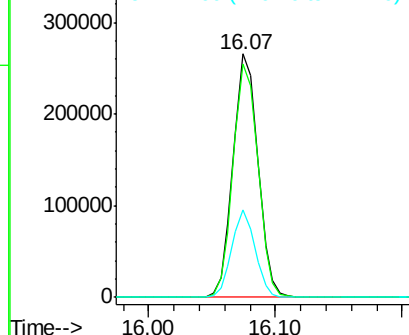
330 100

332 96.1 0.0 0.0#

141 34.0 0.0 0.0#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 46.52 ng

RT: 13.02 min Scan# 1689

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

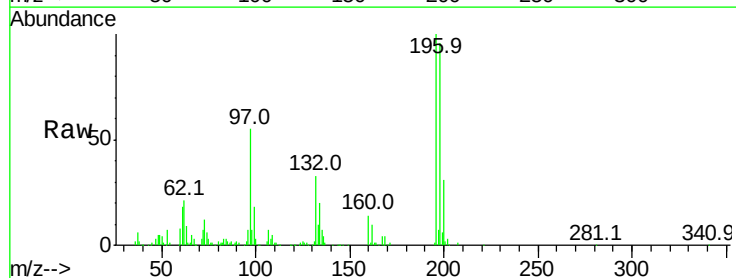
Tgt Ion:196 Resp: 292782

Ion Ratio Lower Upper

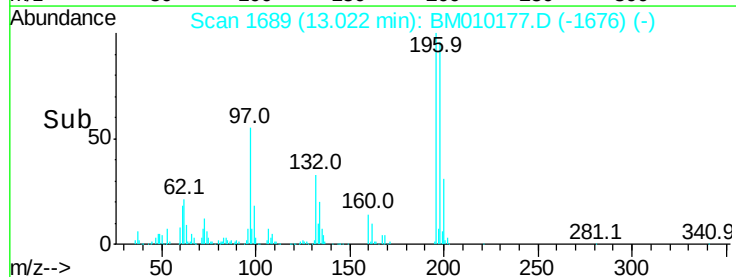
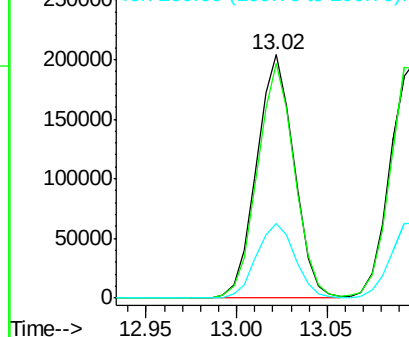
196 100

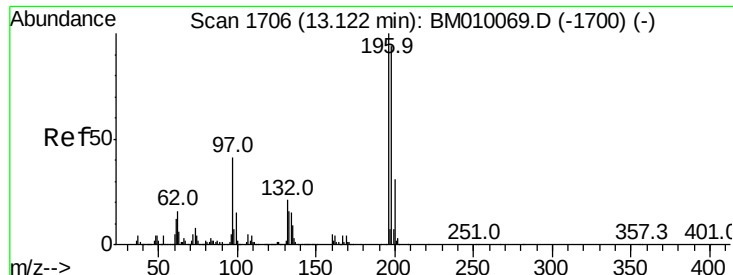
198 96.4 76.3 114.5

200 30.6 25.6 38.4



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

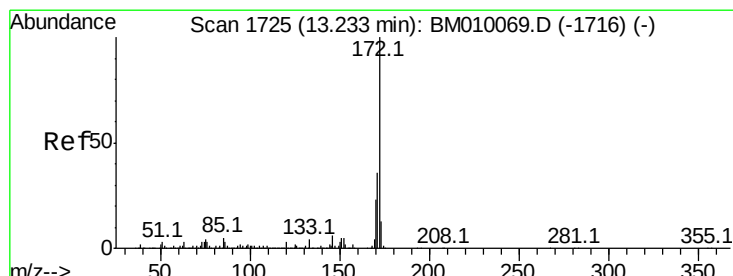
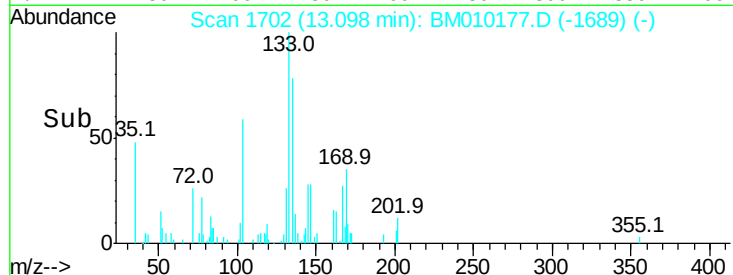
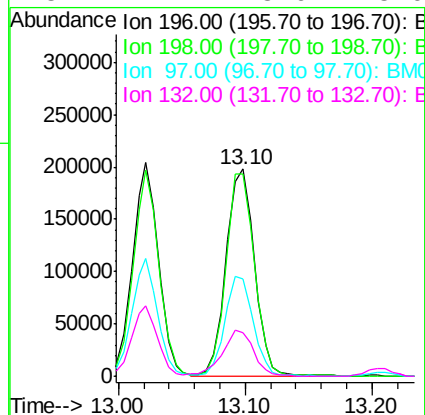
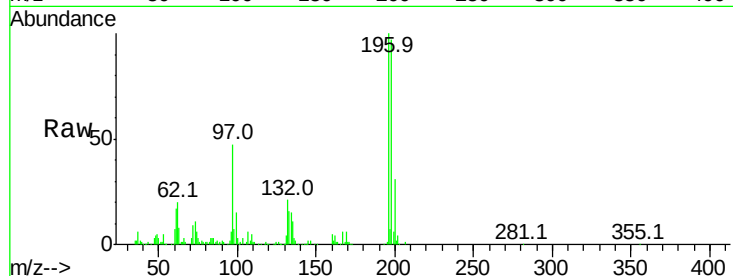




#43
2,4,5-Trichlorophenol
Concen: 44.05 ng
RT: 13.10 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BM010177.D
Acq: 24 May 2017 13:03

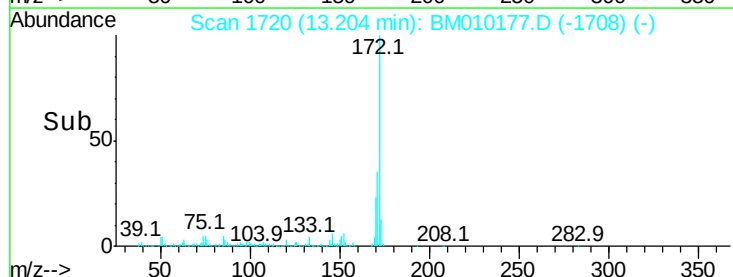
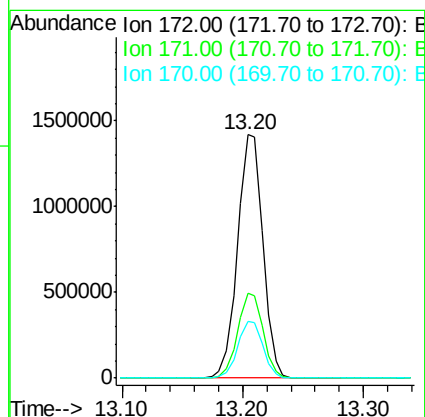
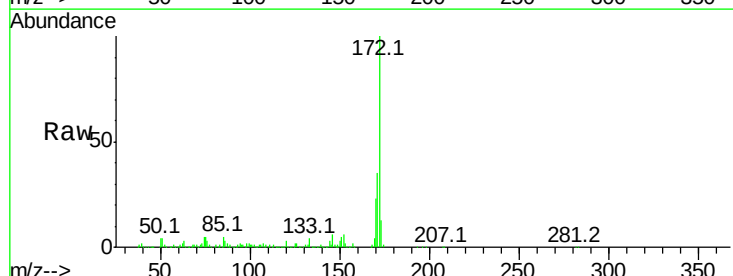
Instrument :
BNA_M
ClientSampleId :
PB99209BSD

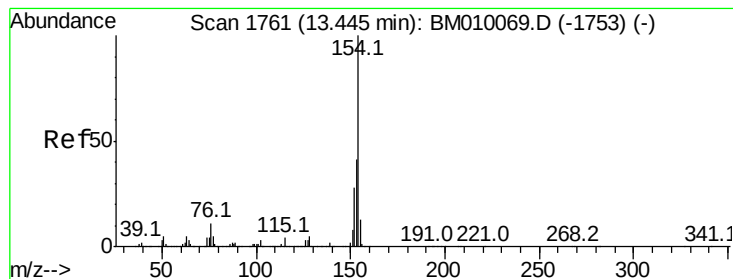
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.4	79.4	119.0
97	46.8	26.8	40.2#
132	21.1	18.6	28.0



#44
2-Fluorobiphenyl
Concen: 96.17 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BM010177.D
Acq: 24 May 2017 13:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.1	18.8	28.2





#45

1,1'-Biphenyl

Concen: 42.03 ng

RT: 13.42 min Scan# 1756

Delta R.T. -0.03 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Instrument :

BNA_M

ClientSampleId :

PB99209BSD

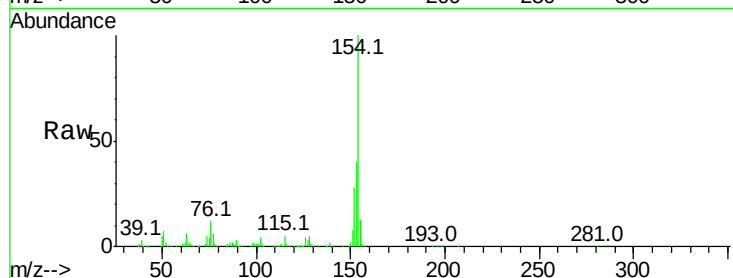
Tot Ion:154 Resp: 960487

Ion Ratio Lower Upper

154 100

153 40.1 20.7 60.7

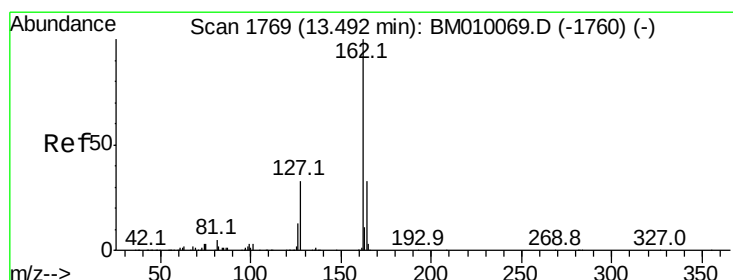
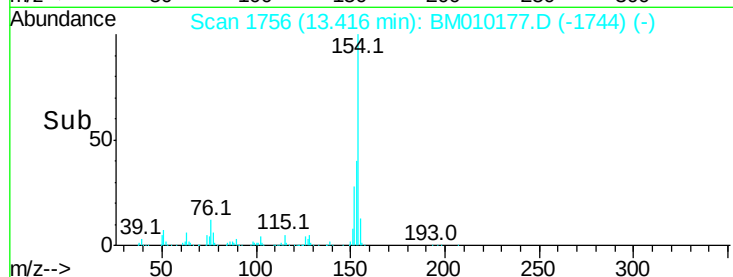
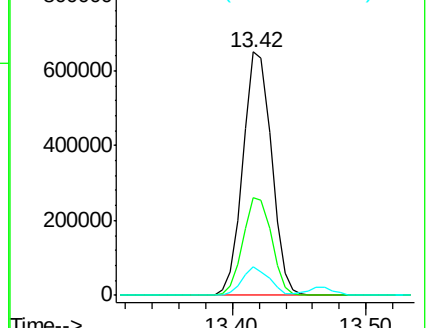
76 11.7 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 41.13 ng

RT: 13.47 min Scan# 1765

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

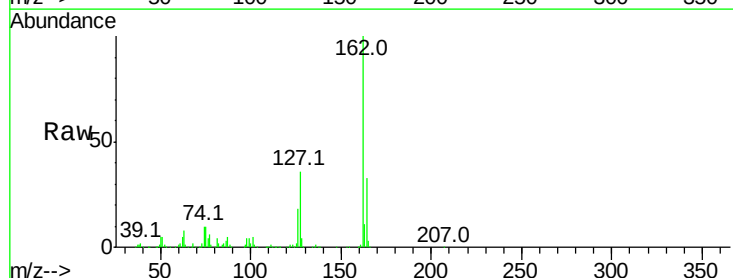
Tgt Ion:162 Resp: 761051

Ion Ratio Lower Upper

162 100

127 36.1 26.9 40.3

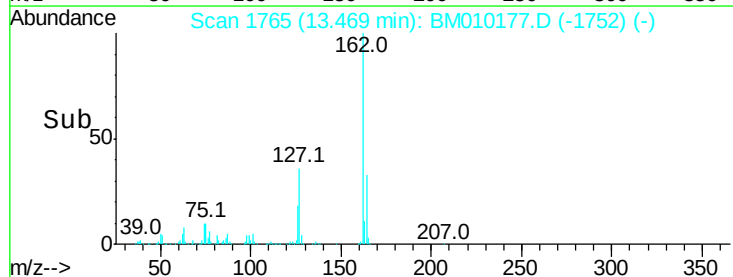
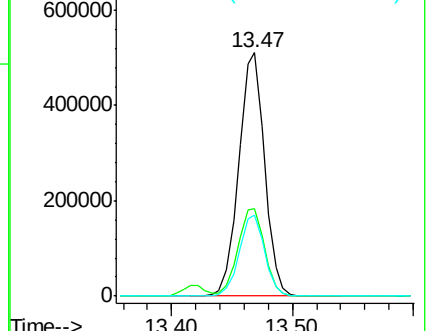
164 33.3 26.8 40.2

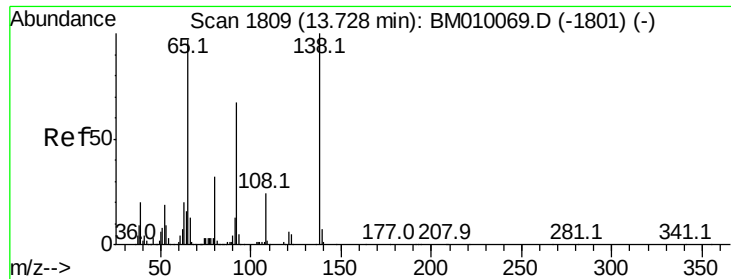


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

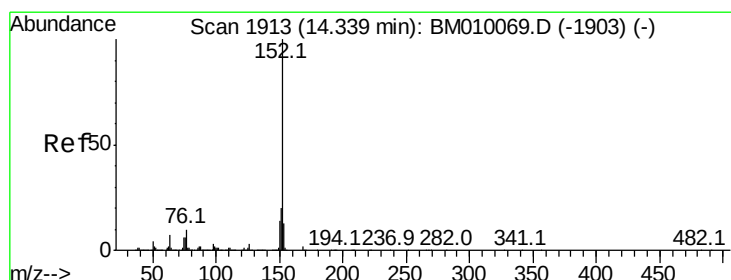
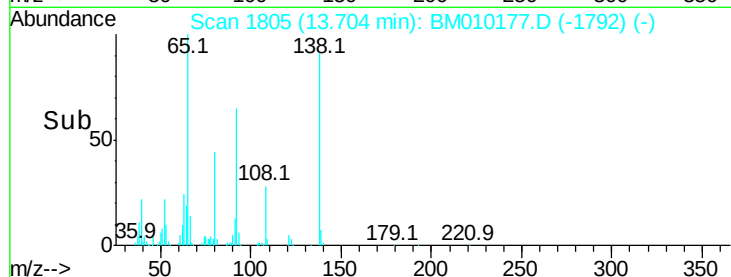
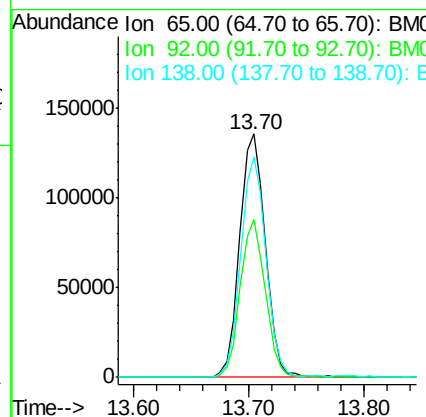
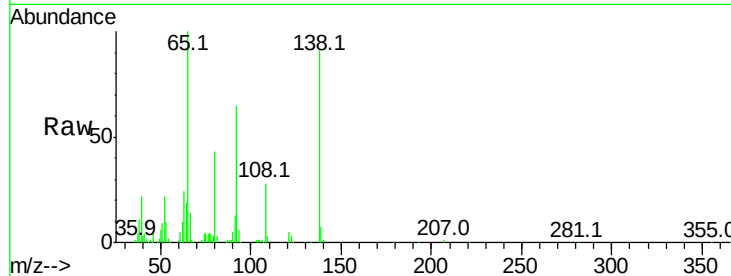




#47
2-Nitroaniline
Concen: 43.86 ng
RT: 13.70 min Scan# 1805
Delta R.T. -0.02 min
Lab File: BM010177.D
Acq: 24 May 2017 13:03

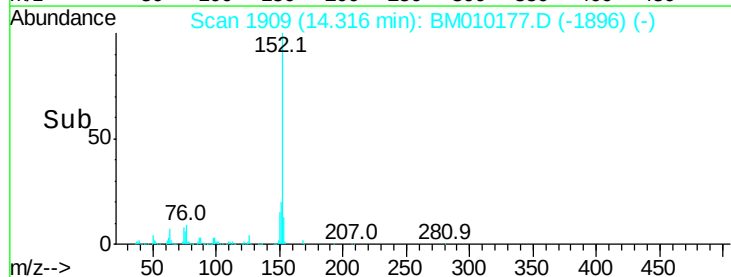
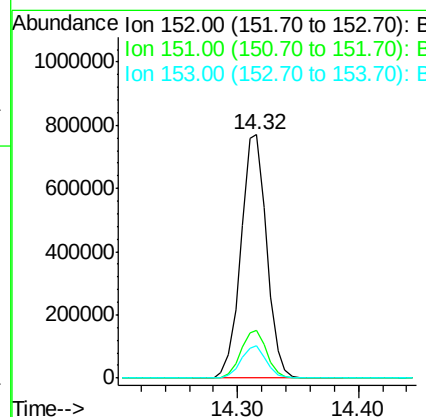
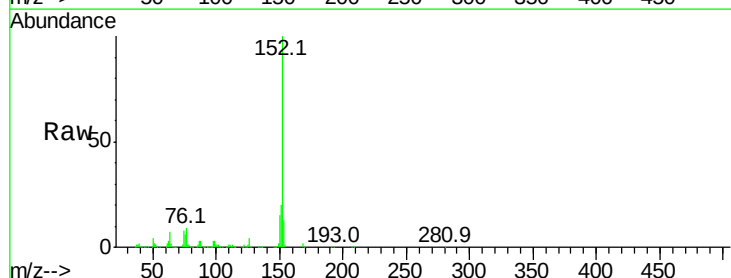
Instrument :
BNA_M
ClientSampleId :
PB99209BSD

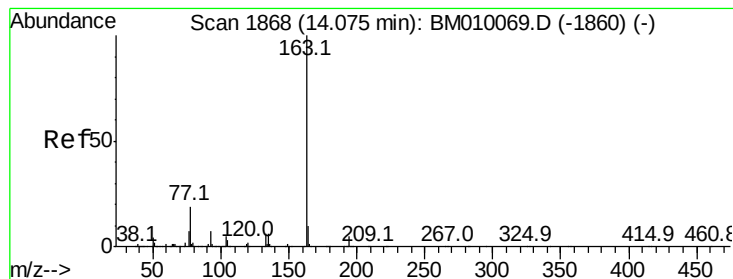
Tot Ion: 65 Resp: 208655
Ion Ratio Lower Upper
65 100
92 64.8 59.1 88.7
138 90.6 93.9 140.9#



#48
Acenaphthylene
Concen: 41.88 ng
RT: 14.32 min Scan# 1909
Delta R.T. -0.02 min
Lab File: BM010177.D
Acq: 24 May 2017 13:03

Tgt Ion: 152 Resp: 1145862
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.1 10.6 16.0





#49

Dimethylphthalate

Concen: 37.93 ng

RT: 14.05 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Instrument :

BNA_M

ClientSampleId :

PB99209BSD

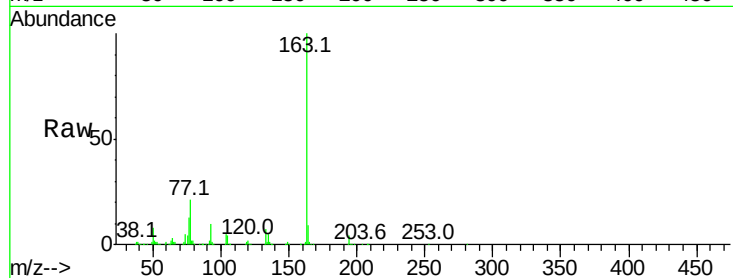
Tot Ion:163 Resp: 940229

Ion Ratio Lower Upper

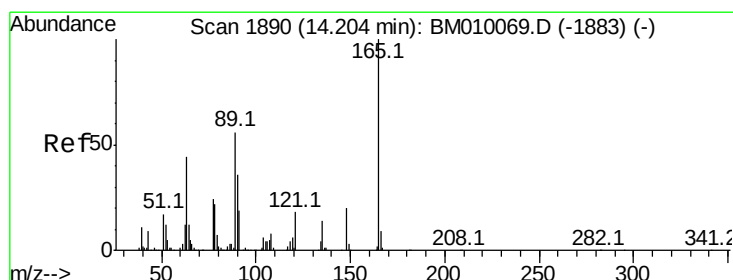
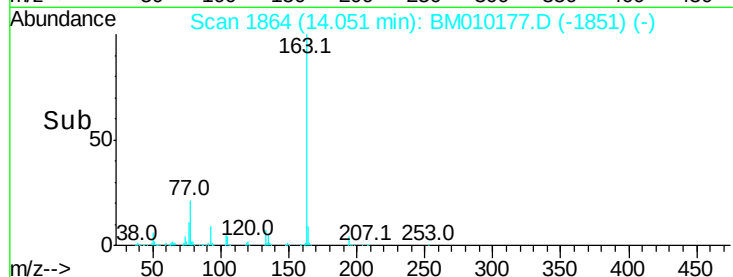
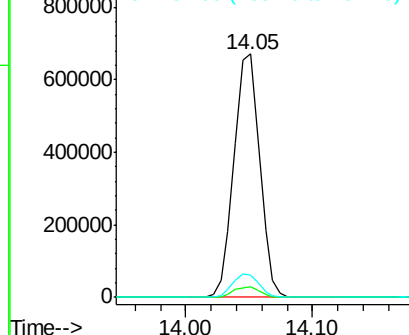
163 100

194 4.2 2.7 4.1#

164 9.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.11 ng

RT: 14.19 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

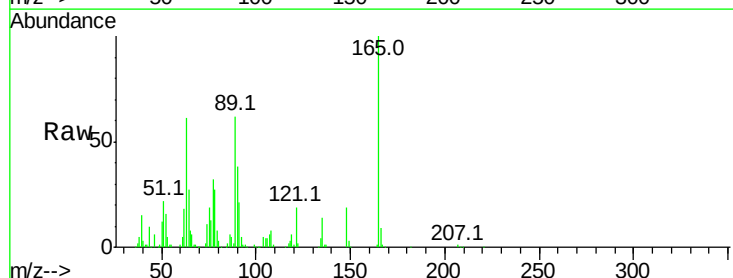
Tgt Ion:165 Resp: 198215

Ion Ratio Lower Upper

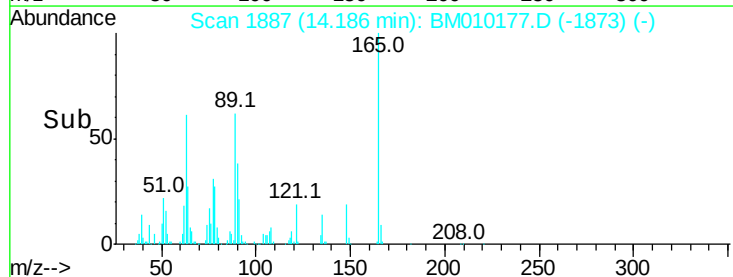
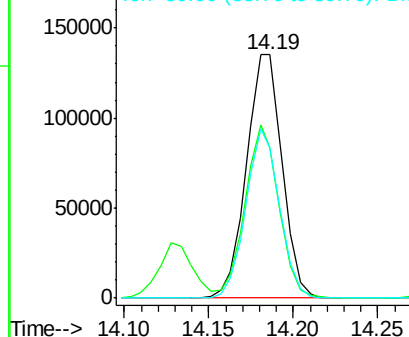
165 100

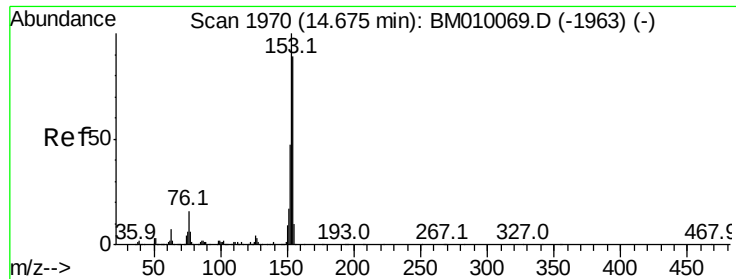
63 61.4 44.1 66.1

89 61.8 44.3 66.5



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 40.55 ng

RT: 14.65 min Scan# 1966

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Instrument :

BNA_M

ClientSampleId :

PB99209BSD

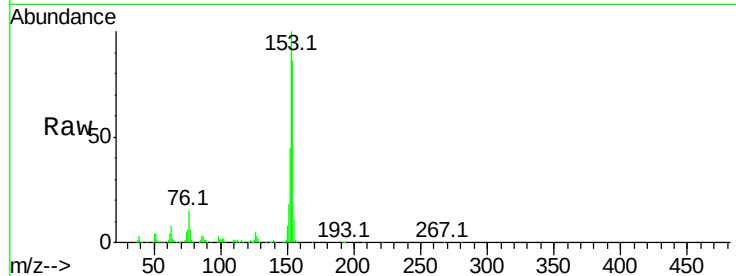
Tot Ion:154 Resp: 689658

Ion Ratio Lower Upper

154 100

153 116.3 90.0 135.0

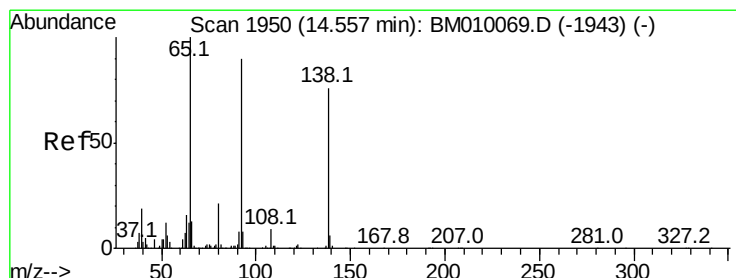
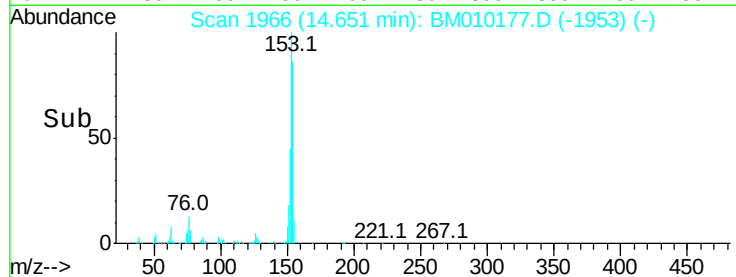
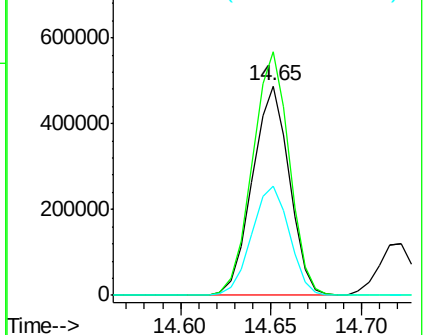
152 52.1 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.07 ng

RT: 14.53 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

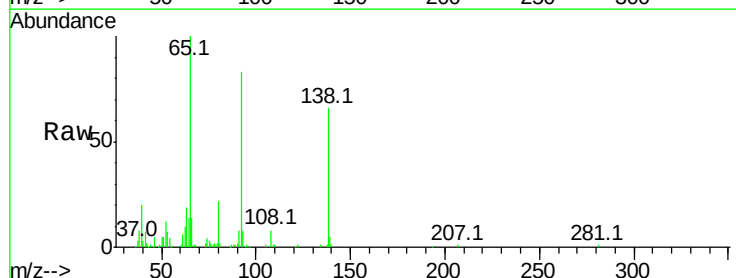
Tgt Ion:138 Resp: 109664

Ion Ratio Lower Upper

138 100

108 11.7 7.3 10.9#

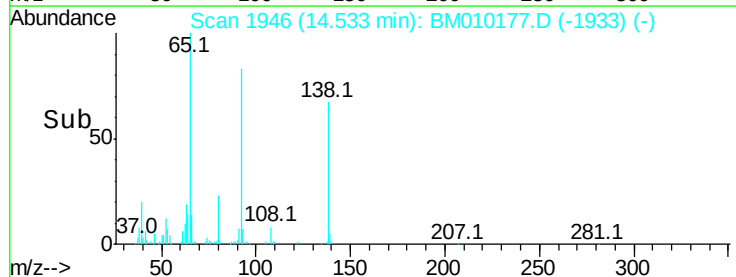
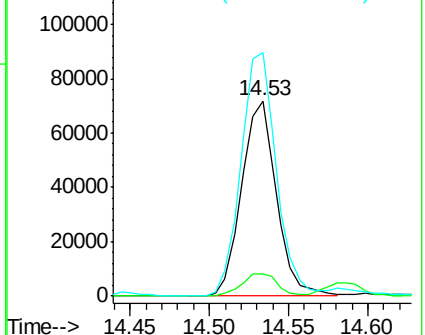
92 124.7 76.6 114.8#

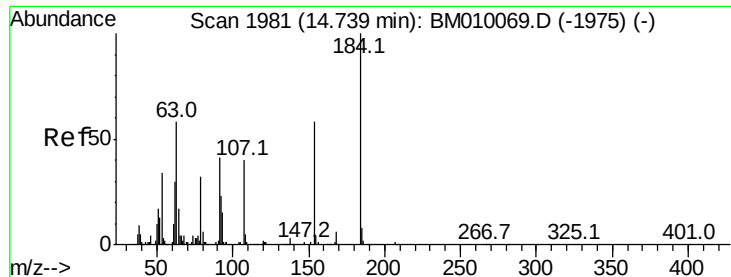


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#53

2,4-Dinitrophenol

Concen: 78.39 ng

RT: 14.72 min Scan# 1977

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Instrument :

BNA_M

ClientSampleId :

PB99209BSD

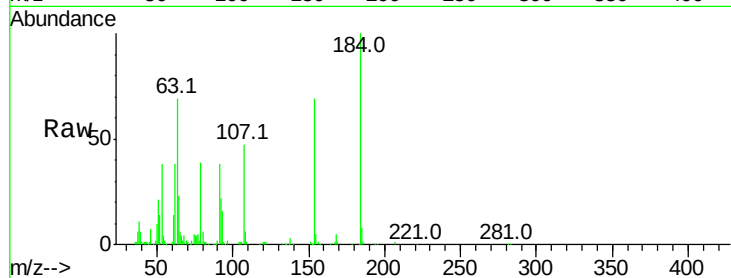
Tot Ion:184 Resp: 244726

Ion Ratio Lower Upper

184 100

63 69.0 69.2 103.8#

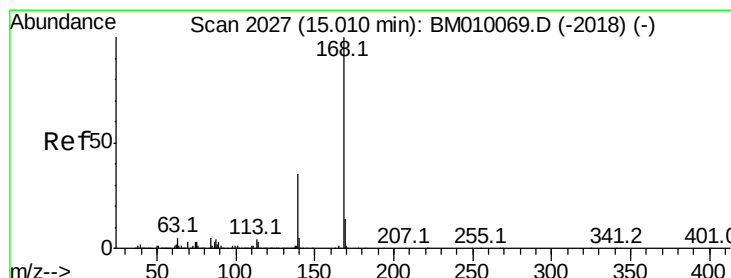
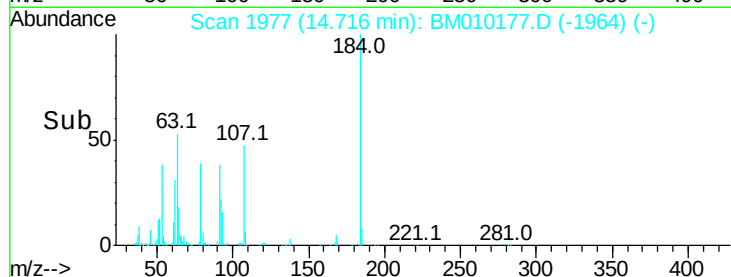
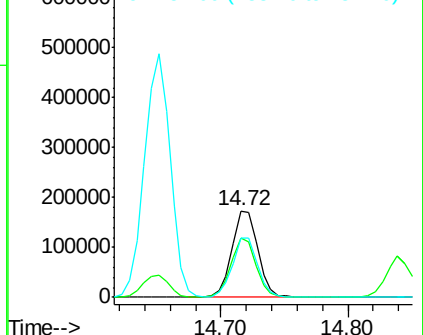
154 68.7 53.3 79.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 44.31 ng

RT: 14.99 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

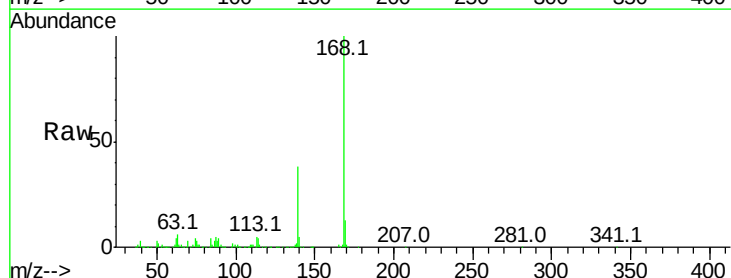
Tgt Ion:168 Resp: 1185121

Ion Ratio Lower Upper

168 100

139 37.6 27.3 40.9

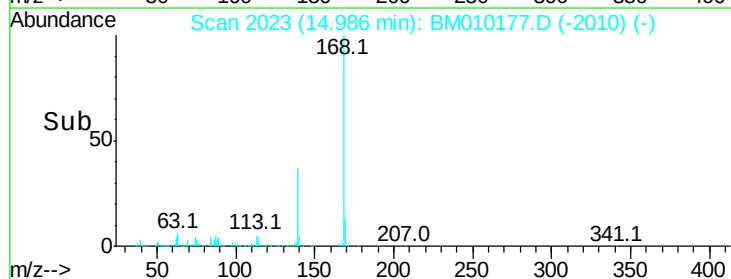
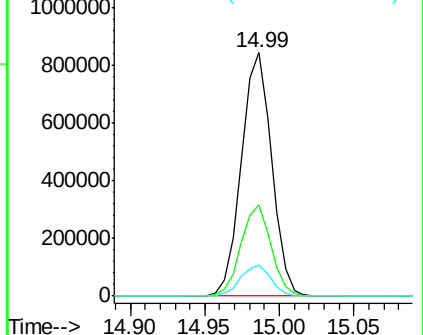
169 12.5 10.6 16.0

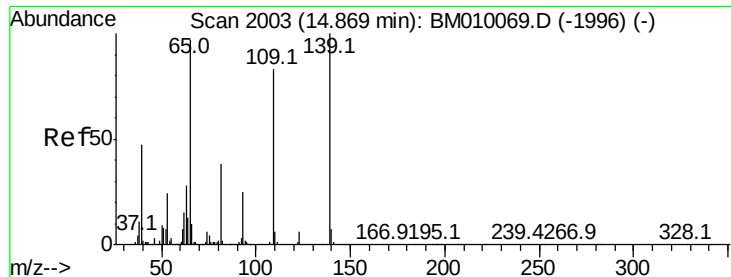


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

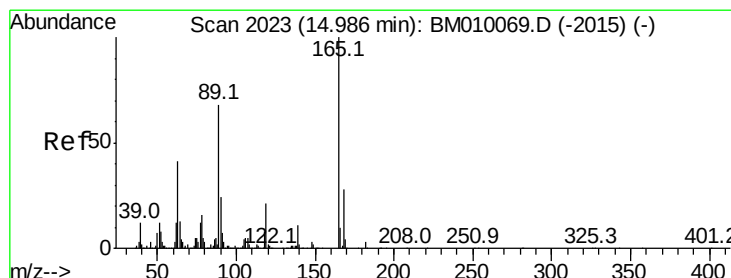
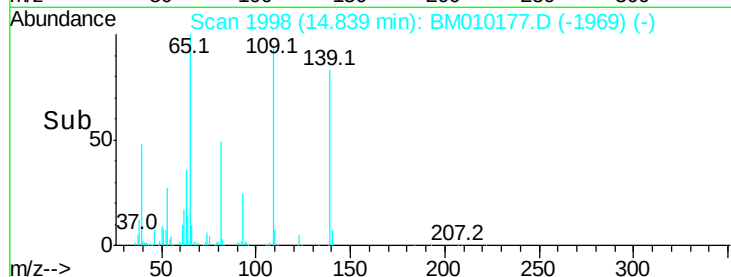
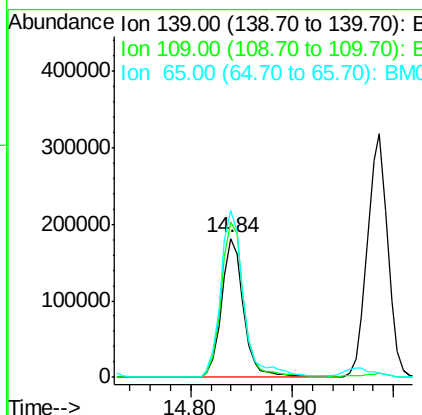
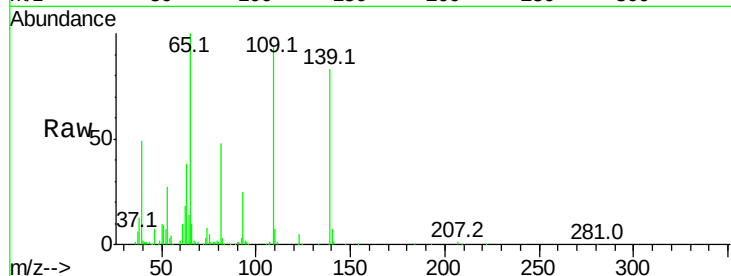




#55
4-Nitrophenol
Concen: 77.81 ng
RT: 14.84 min Scan# 1998
Delta R.T. -0.03 min
Lab File: BM010177.D
Acq: 24 May 2017 13:03

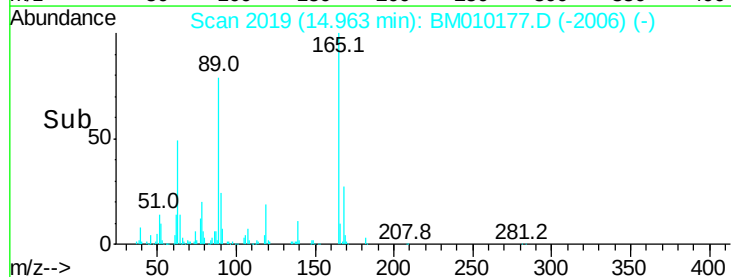
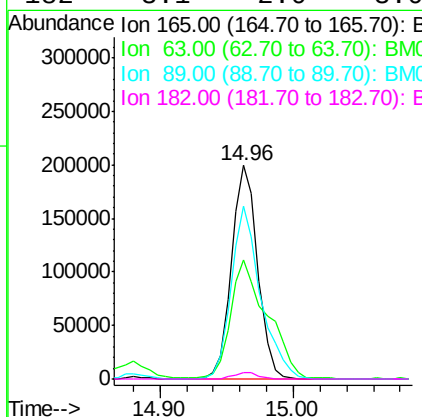
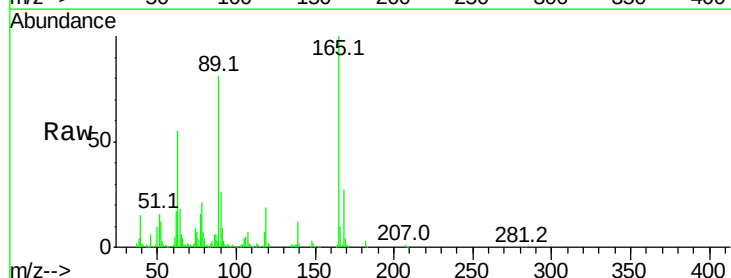
Instrument :
BNA_M
ClientSampleId :
PB99209BSD

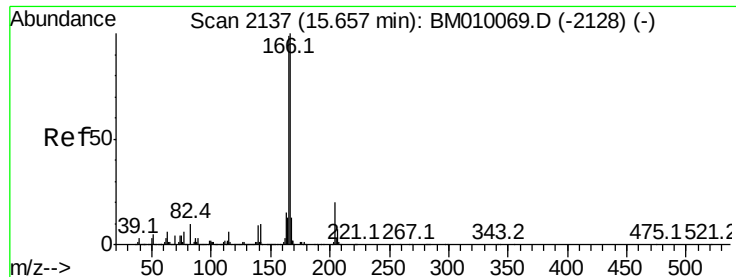
Tot Ion	Ratio	Lower	Upper
139	100		
109	112.1	37.7	77.7#
65	119.9	49.9	89.9#



#56
2,4-Dinitrotoluene
Concen: 40.73 ng
RT: 14.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BM010177.D
Acq: 24 May 2017 13:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.5	52.4	78.6
89	80.8	72.4	108.6
182	3.1	2.0	3.0#





#57

Fluorene

Concen: 40.60 ng

RT: 15.63 min Scan# 2133

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Instrument :

BNA_M

ClientSampleId :

PB99209BSD

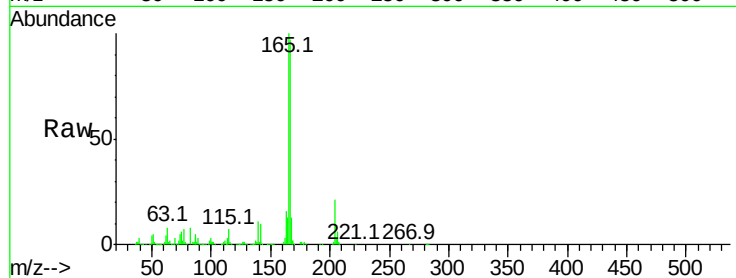
Tot Ion:166 Resp: 944244

Ion Ratio Lower Upper

166 100

165 103.1 79.0 118.4

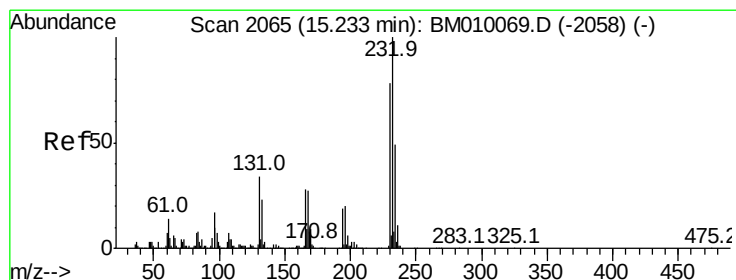
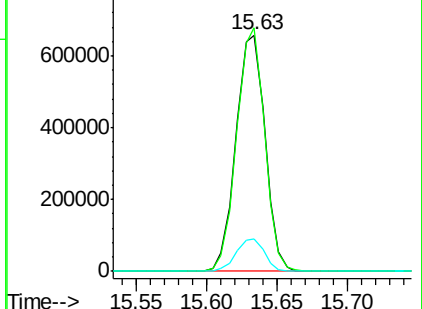
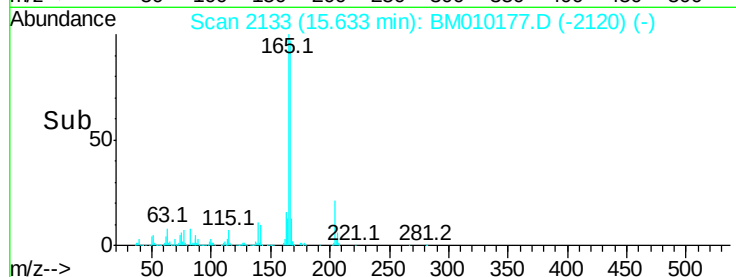
167 13.5 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.94 ng

RT: 15.21 min Scan# 2061

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Tgt Ion:232 Resp: 284013

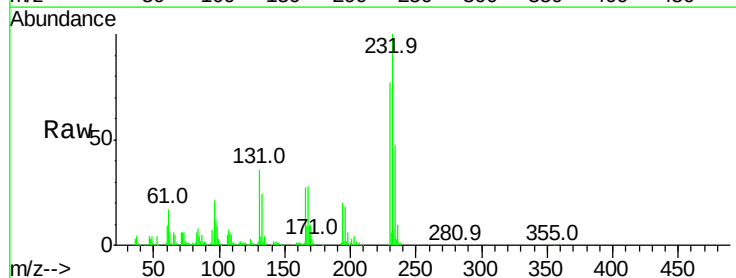
Ion Ratio Lower Upper

232 100

131 37.0 0.0 0.0#

130 2.4 0.0 0.0#

166 28.4 0.0 0.0#

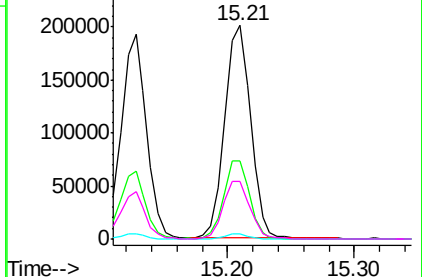
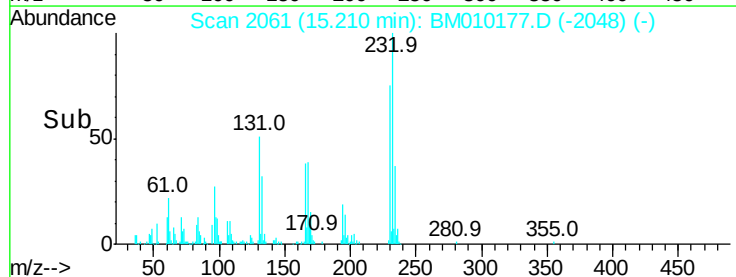


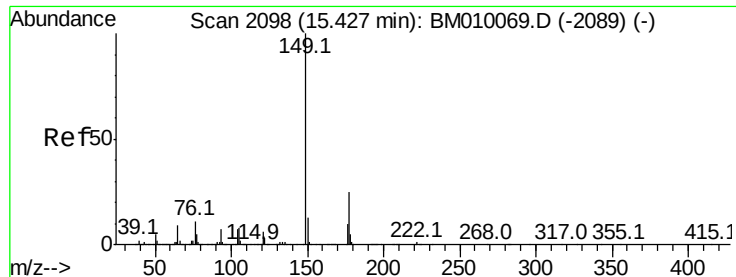
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.49 ng

RT: 15.40 min Scan# 2093

Delta R.T. -0.03 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Instrument :

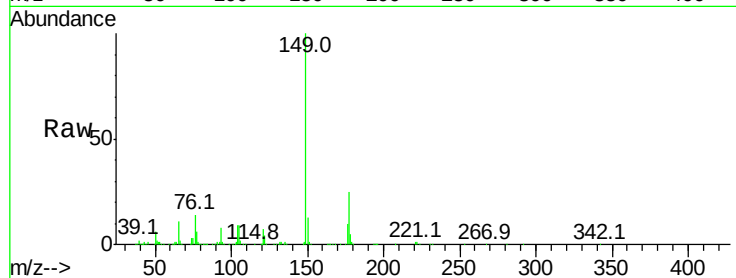
BNA_M

ClientSampleId :

PB99209BSD

Tot Ion:149 Resp: 878733

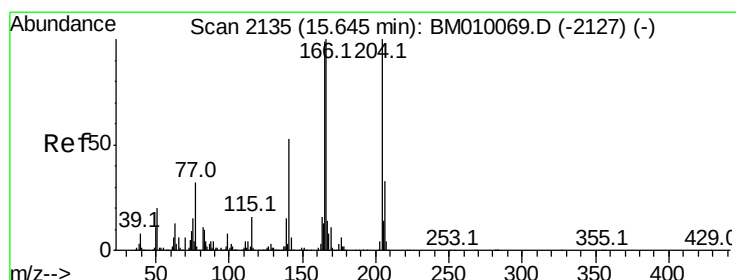
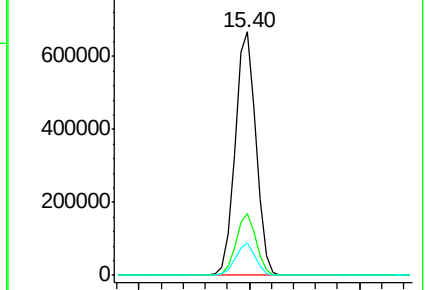
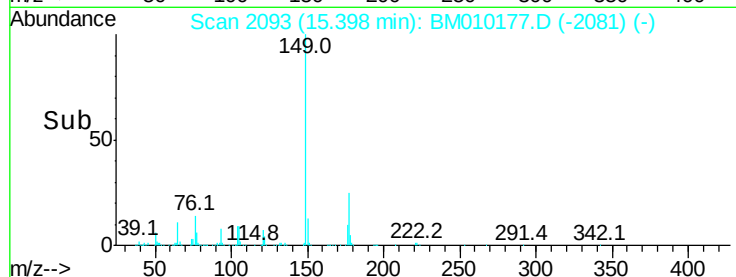
Ion	Ratio	Lower	Upper
149	100		
177	25.4	18.3	27.5
150	13.2	9.8	14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.17 ng

RT: 15.62 min Scan# 2131

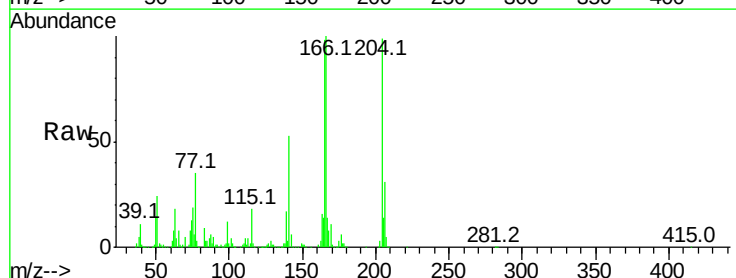
Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Tgt Ion:204 Resp: 537524

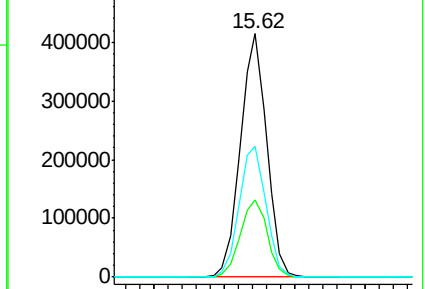
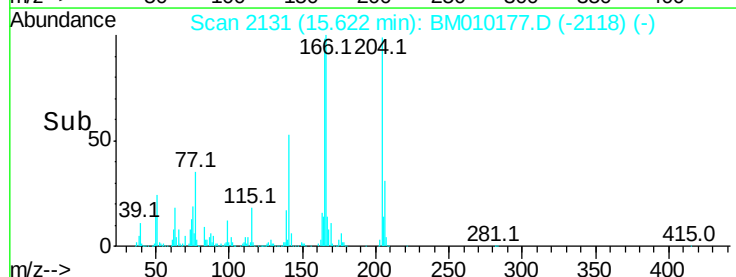
Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.6	39.8
141	53.8	45.2	67.8

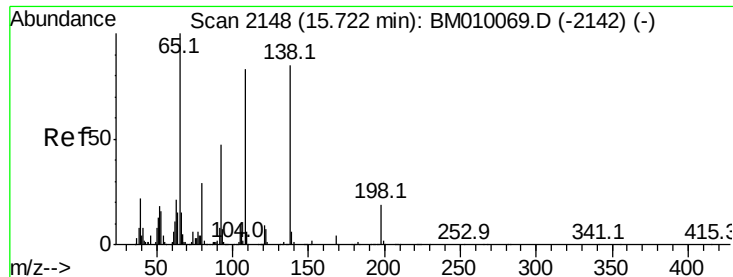


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.36 ng

RT: 15.70 min Scan# 2144

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Instrument :

BNA_M

ClientSampleId :

PB99209BSD

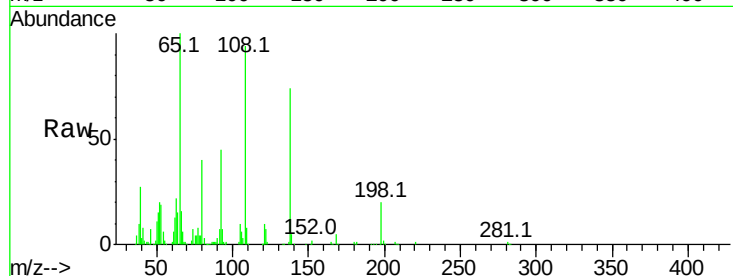
Tot Ion:138 Resp: 152598

Ion Ratio Lower Upper

138 100

92 61.4 16.7 56.7#

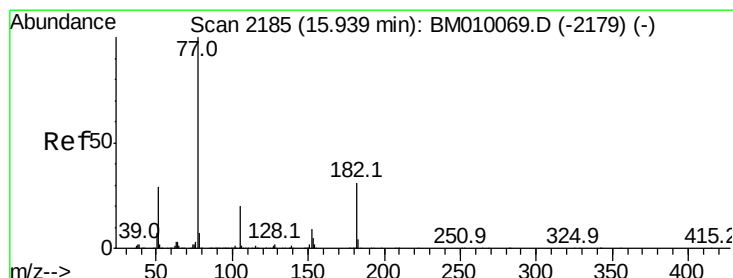
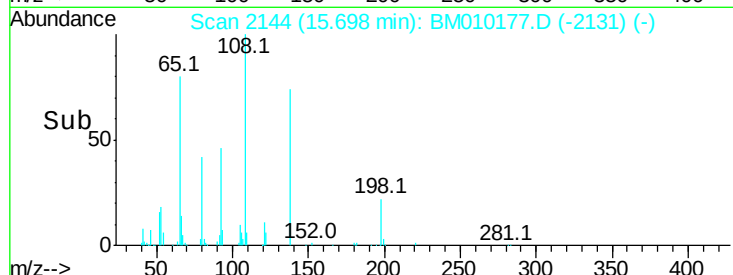
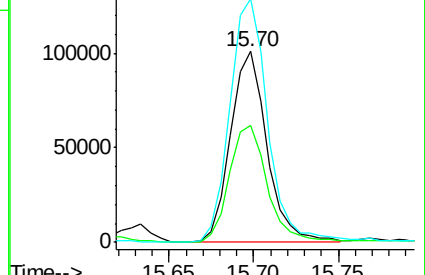
108 127.6 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 51.10 ng

RT: 15.92 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Tgt Ion: 77 Resp: 880550

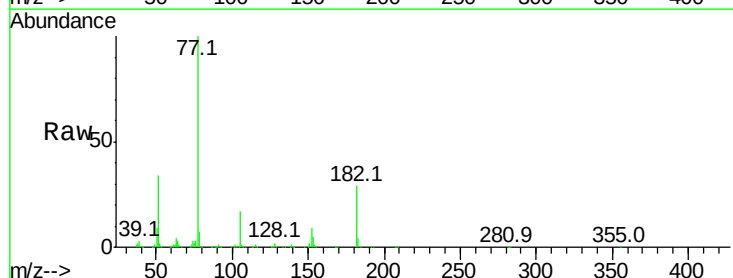
Ion Ratio Lower Upper

77 100

182 28.8 6.5 46.5

105 16.8 3.8 43.8

51 34.4 5.5 45.5

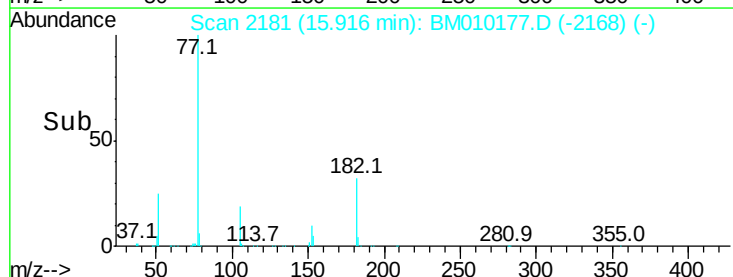
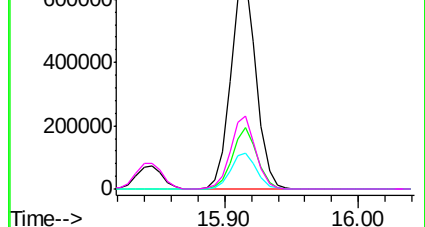


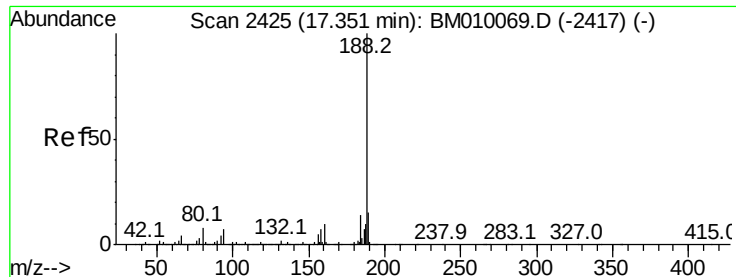
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

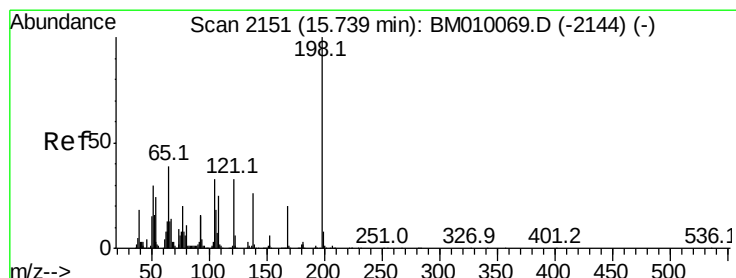
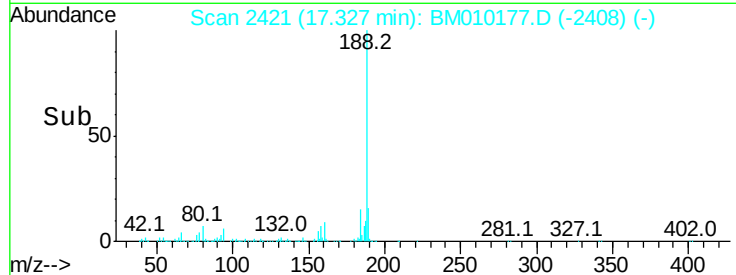
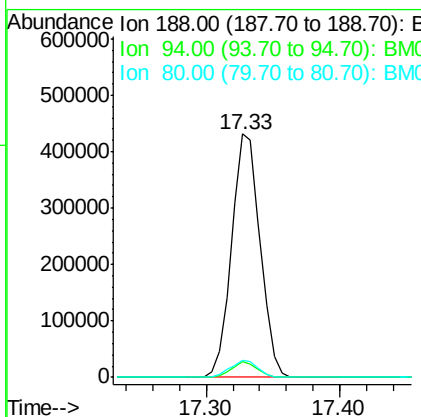
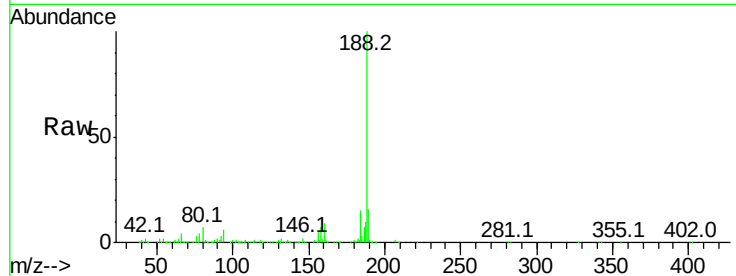




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.33 min Scan# 2421
 Delta R.T. -0.02 min
 Lab File: BM010177.D
 Acq: 24 May 2017 13:03

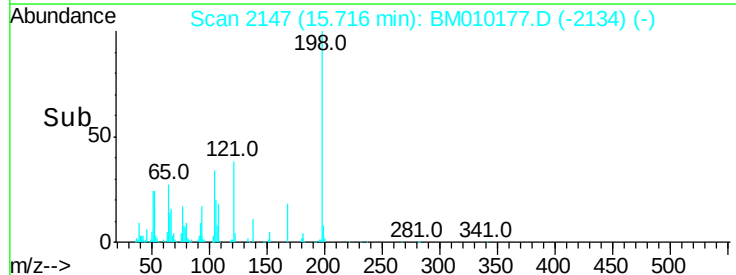
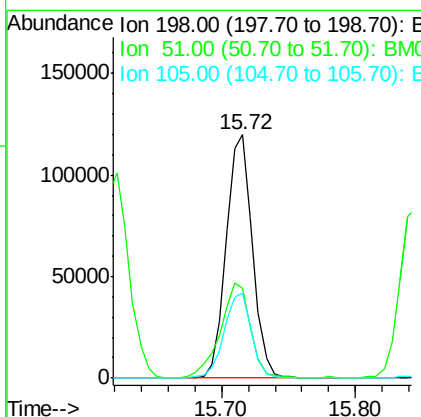
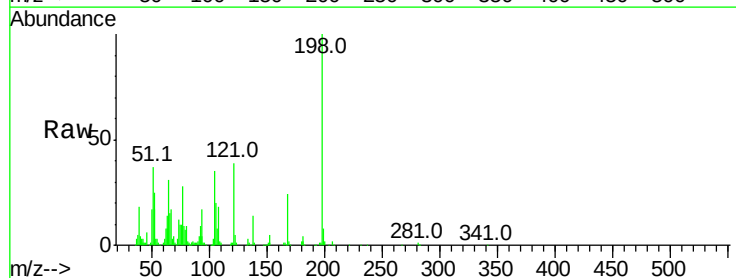
Instrument :
 BNA_M
 ClientSampleId :
 PB99209BSD

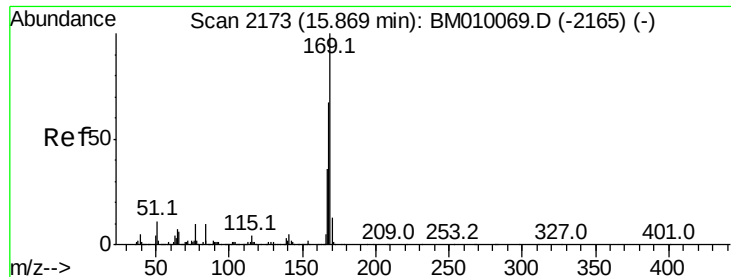
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.4	8.7	13.1#
80	7.0	9.3	13.9#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.25 ng
 RT: 15.72 min Scan# 2147
 Delta R.T. -0.02 min
 Lab File: BM010177.D
 Acq: 24 May 2017 13:03

Tgt Ion	Ratio	Lower	Upper
198	100		
51	36.8	28.8	68.8
105	34.7	30.5	70.5





#65

n-Nitrosodiphenylamine

Concen: 41.66 ng

RT: 15.85 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Instrument :

BNA_M

ClientSampleId :

PB99209BSD

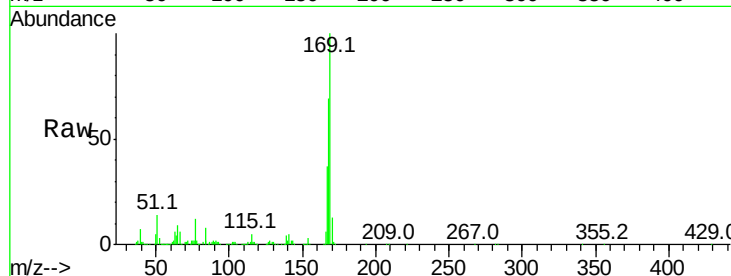
Tot Ion:169 Resp: 798521

Ion Ratio Lower Upper

169 100

168 69.0 53.9 80.9

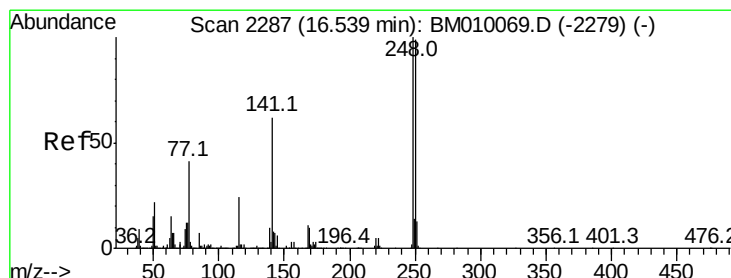
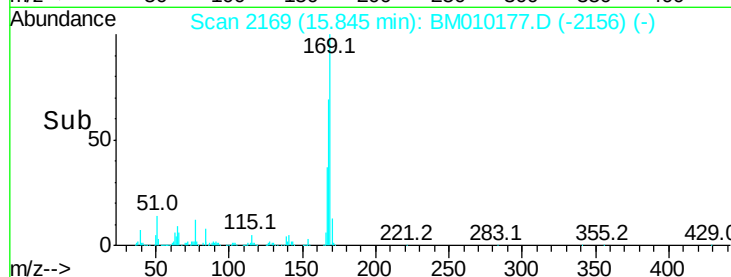
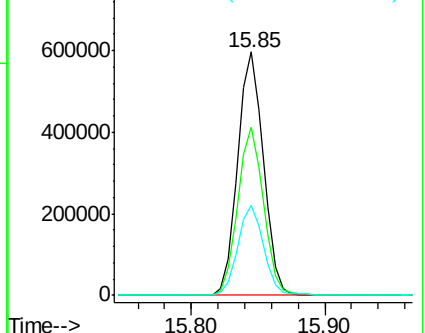
167 37.2 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.78 ng

RT: 16.52 min Scan# 2283

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

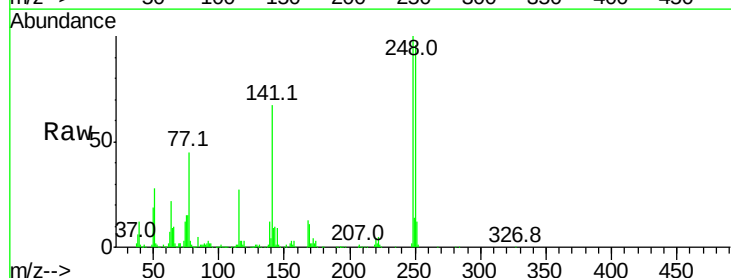
Tgt Ion:248 Resp: 350272

Ion Ratio Lower Upper

248 100

250 96.0 77.4 116.0

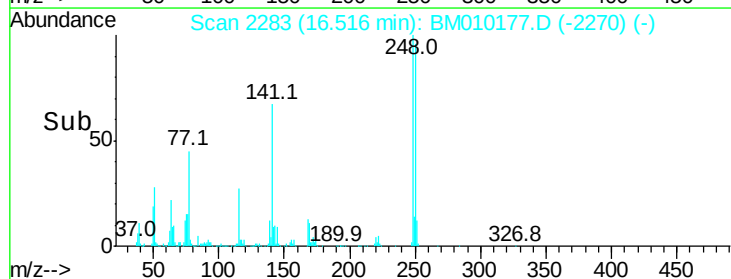
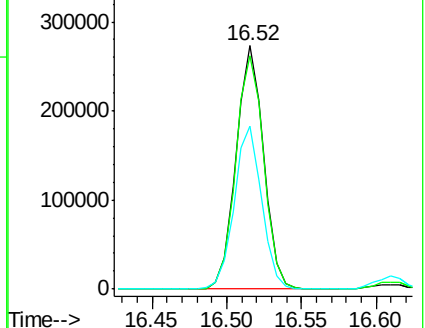
141 66.7 45.2 67.8

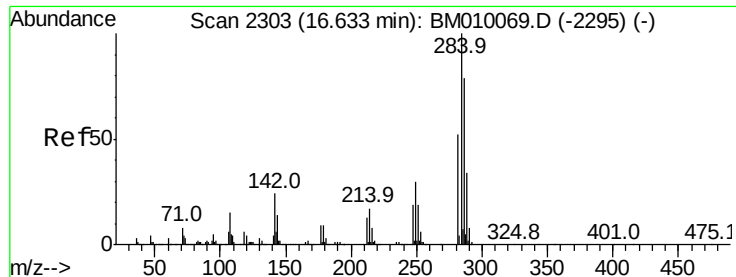


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

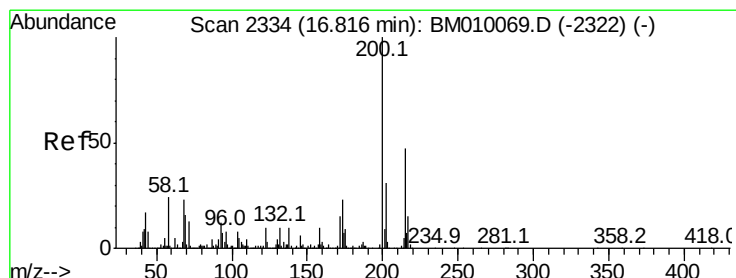
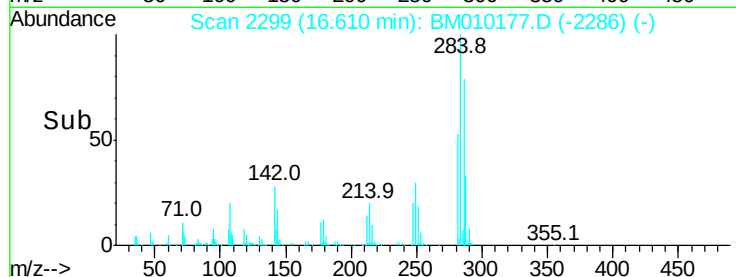
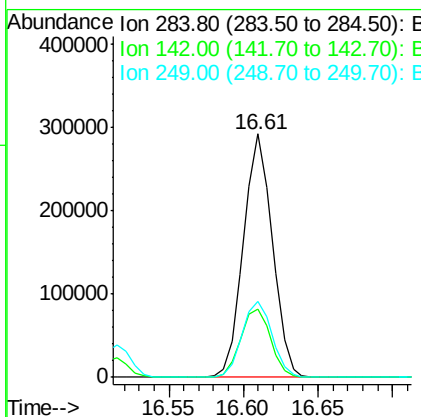
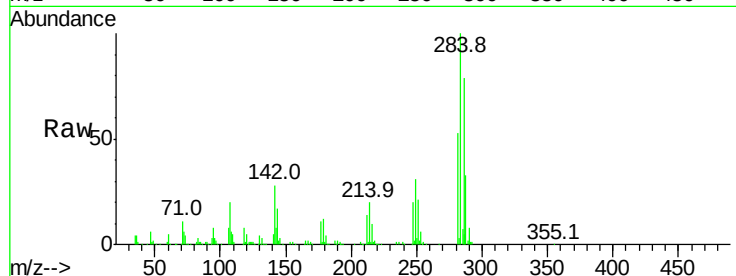




#67
Hexachlorobenzene
Concen: 39.41 ng
RT: 16.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BM010177.D
Acq: 24 May 2017 13:03

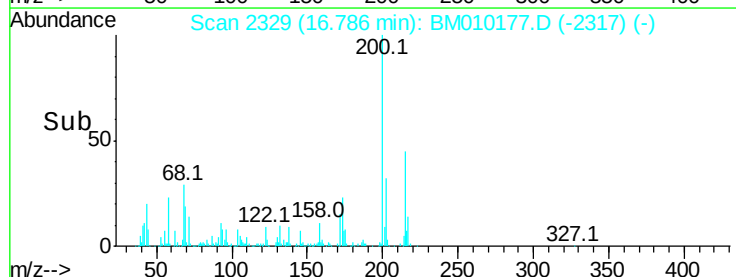
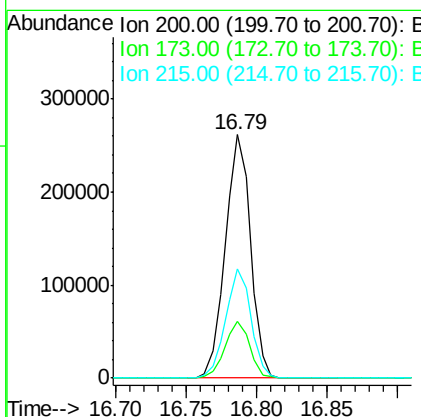
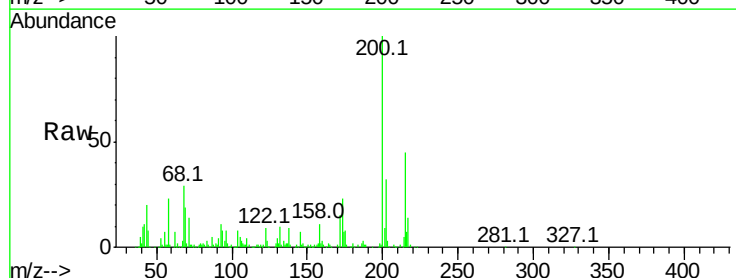
Instrument :
BNA_M
ClientSampleId :
PB99209BSD

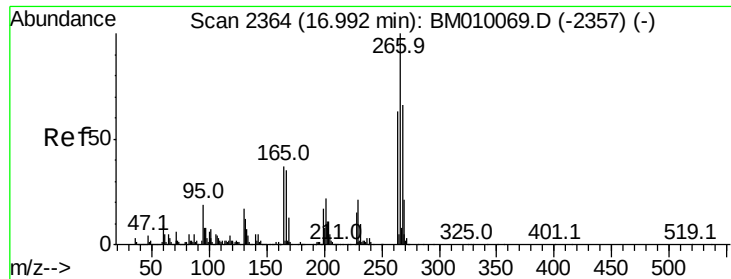
Tot Ion	Ratio	Lower	Upper
284	100		
142	28.2	20.4	30.6
249	31.1	23.8	35.6



#68
Atrazine
Concen: 44.66 ng
RT: 16.79 min Scan# 2329
Delta R.T. -0.03 min
Lab File: BM010177.D
Acq: 24 May 2017 13:03

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.4	4.8	44.8
215	45.0	26.9	66.9

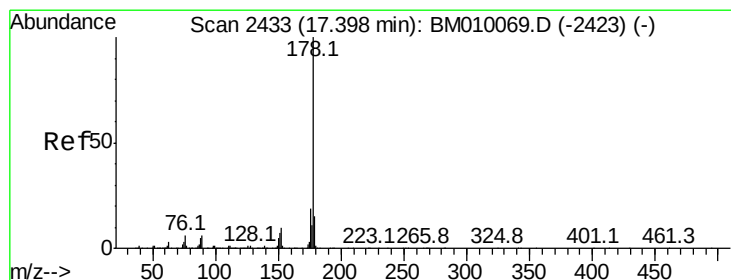
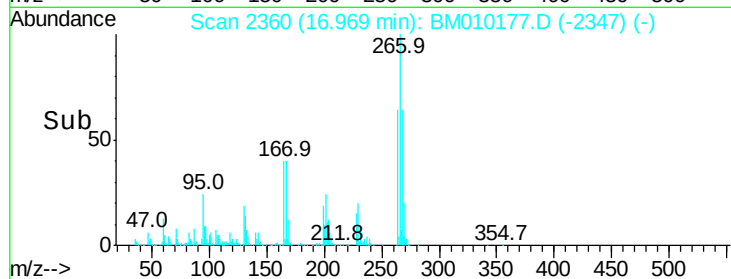
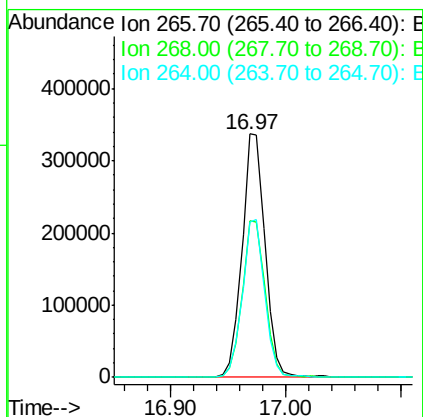
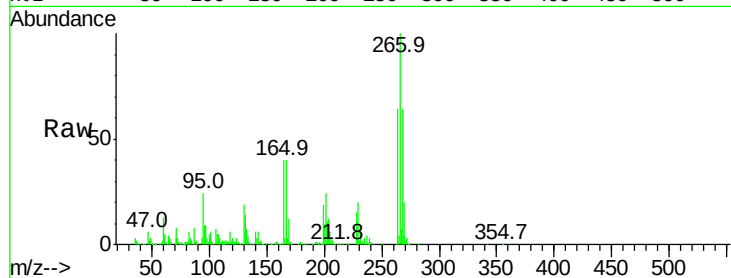




#69
 Pentachlorophenol
 Concen: 85.56 ng
 RT: 16.97 min Scan# 2360
 Delta R.T. -0.02 min
 Lab File: BM010177.D
 Acq: 24 May 2017 13:03

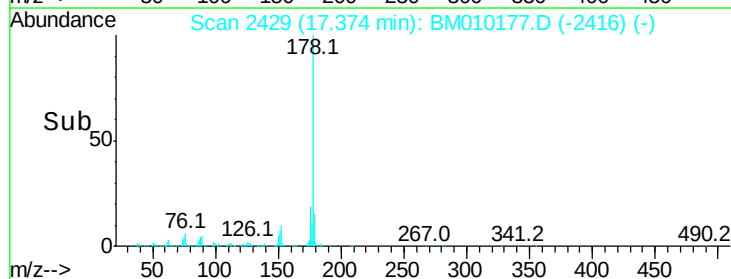
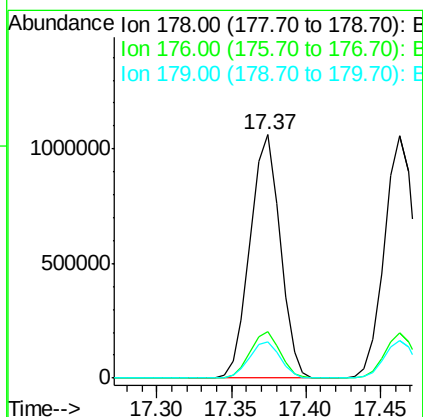
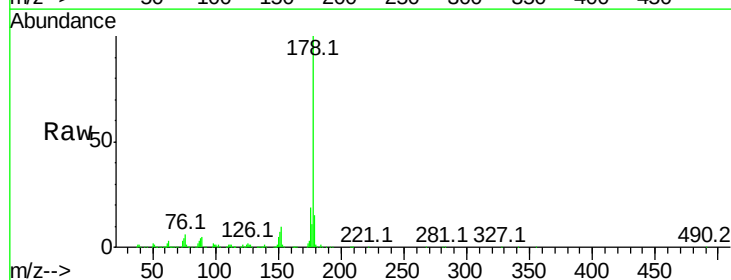
Instrument :
 BNA_M
 ClientSampleId :
 PB99209BSD

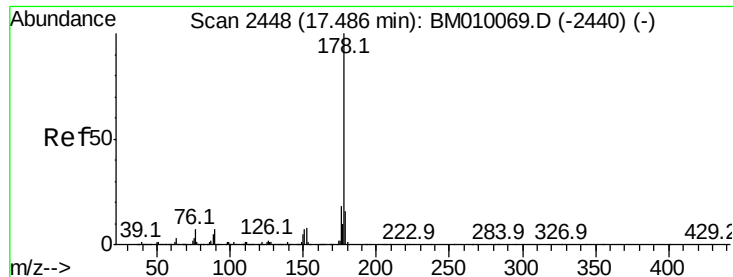
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	52.0	78.0
264	63.6	49.0	73.4



#70
 Phenanthrene
 Concen: 41.41 ng
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.02 min
 Lab File: BM010177.D
 Acq: 24 May 2017 13:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.1	12.1	18.1





#71

Anthracene

Concen: 42.34 ng

RT: 17.46 min Scan# 2444

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Instrument :

BNA_M

ClientSampleId :

PB99209BSD

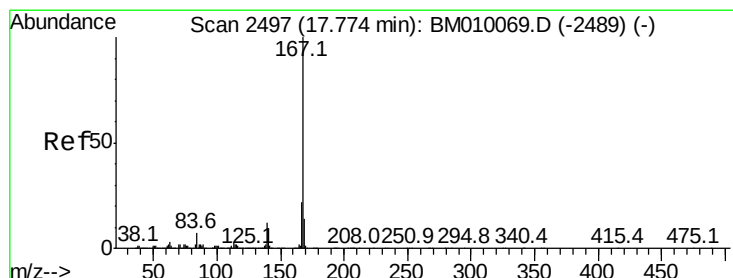
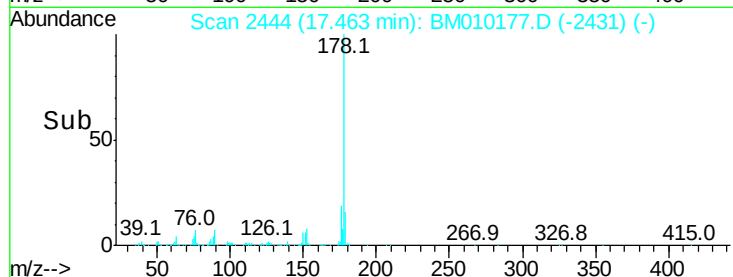
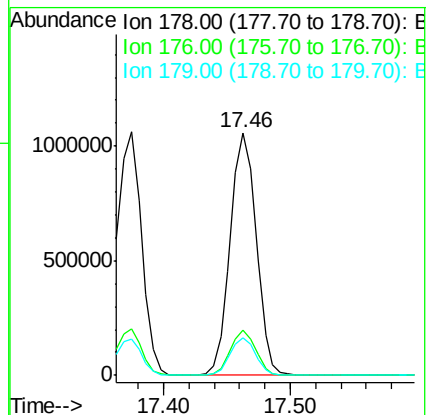
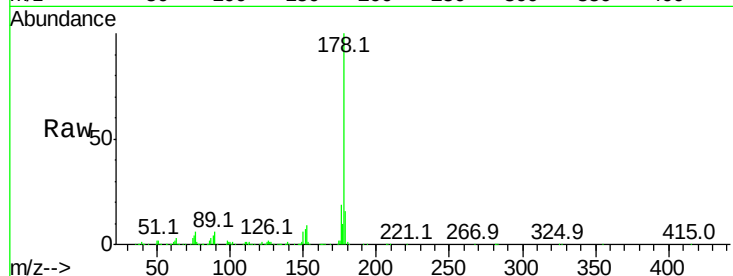
Tot Ion:178 Resp: 1503695

Ion Ratio Lower Upper

178 100

176 18.7 14.6 22.0

179 15.7 12.6 19.0



#72

Carbazole

Concen: 40.72 ng

RT: 17.75 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

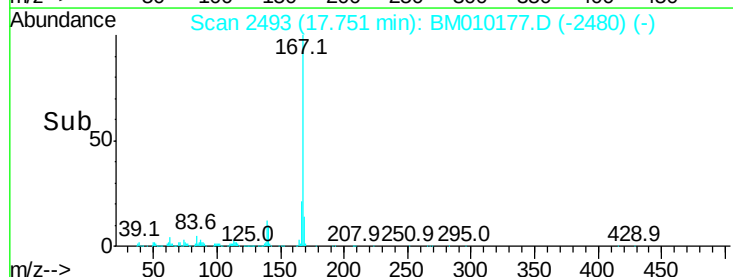
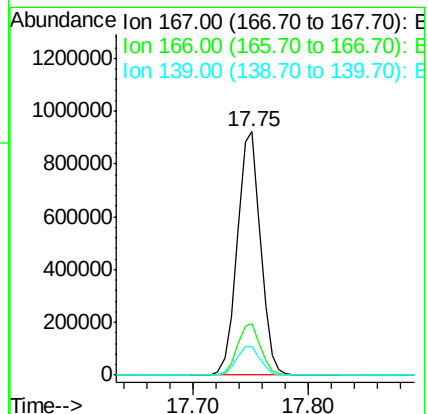
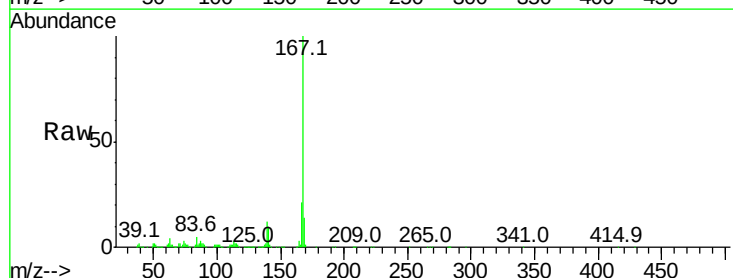
Tgt Ion:167 Resp: 1280246

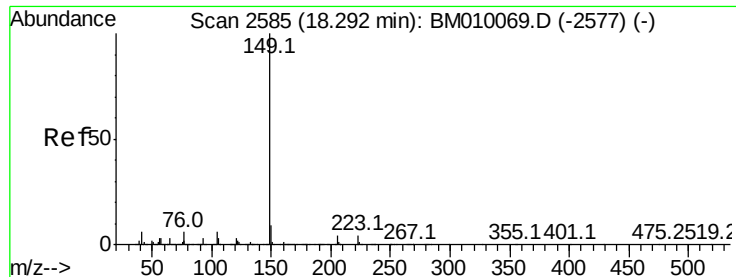
Ion Ratio Lower Upper

167 100

166 21.1 17.2 25.8

139 11.6 10.8 16.2

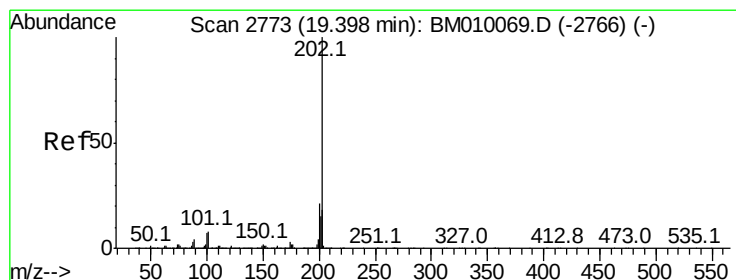
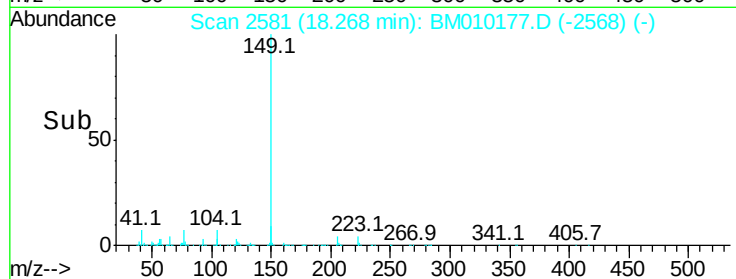
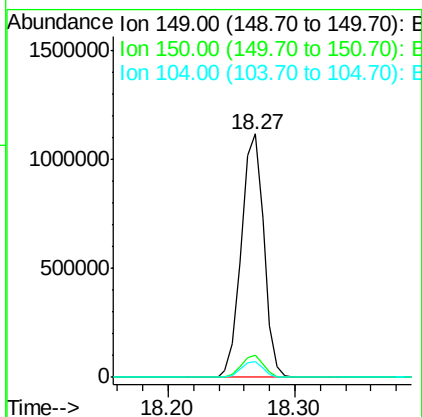
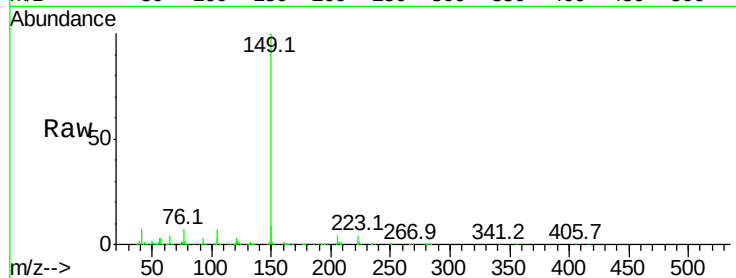




#73
Di-n-butylphthalate
Concen: 36.73 ng
RT: 18.27 min Scan# 2581
Delta R.T. -0.02 min
Lab File: BM010177.D
Acq: 24 May 2017 13:03

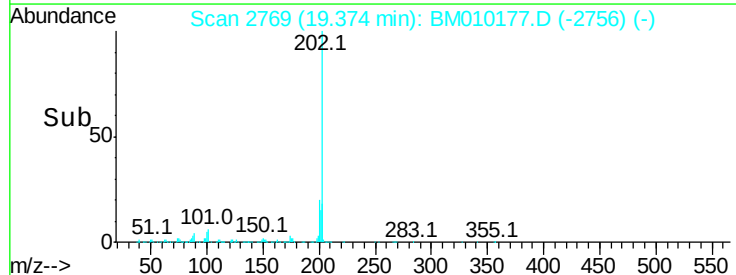
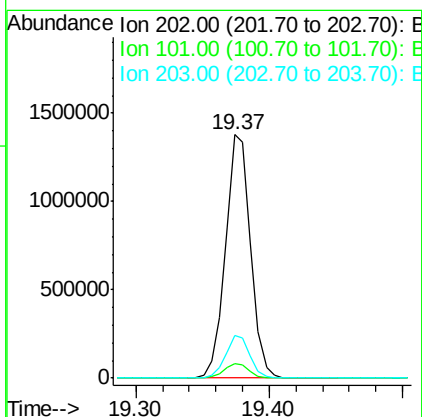
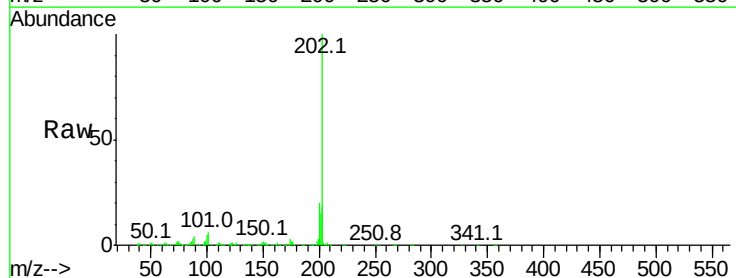
Instrument :
BNA_M
ClientSampleId :
PB99209BSD

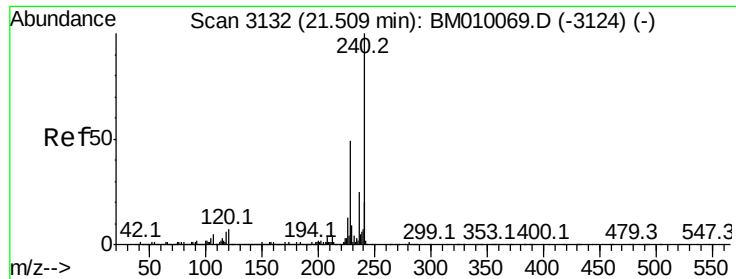
Tot Ion:149 Resp: 1369410
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 6.5 3.7 5.5#



#74
Fluoranthene
Concen: 39.11 ng
RT: 19.37 min Scan# 2769
Delta R.T. -0.02 min
Lab File: BM010177.D
Acq: 24 May 2017 13:03

Tgt Ion:202 Resp: 1816995
Ion Ratio Lower Upper
202 100
101 6.2 0.0 28.7
203 17.6 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.49 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Instrument :

BNA_M

ClientSampleId :

PB99209BSD

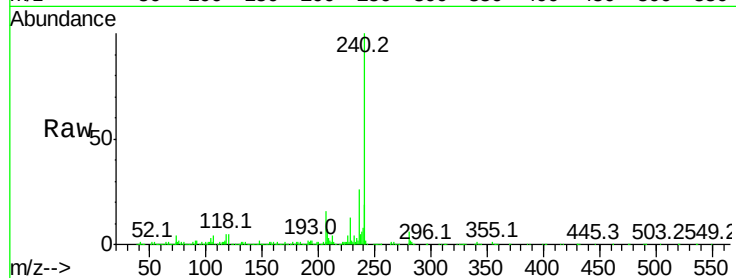
Tot Ion:240 Resp: 884506

Ion Ratio Lower Upper

240 100

120 5.0 8.2 12.2#

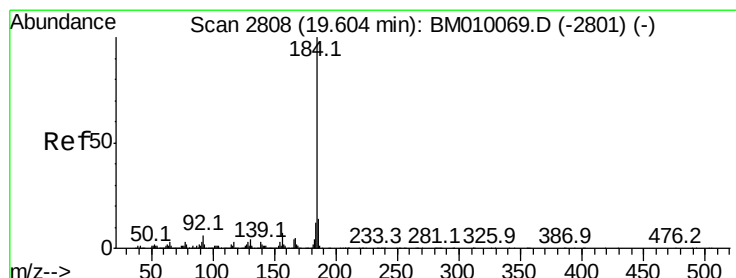
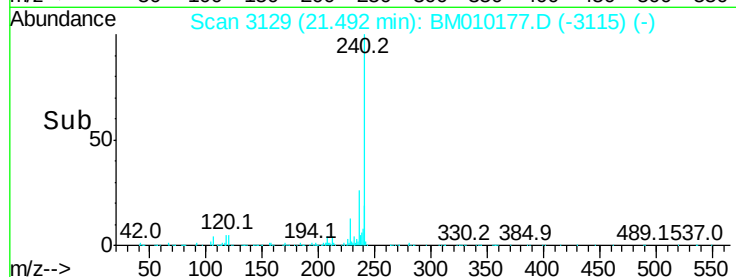
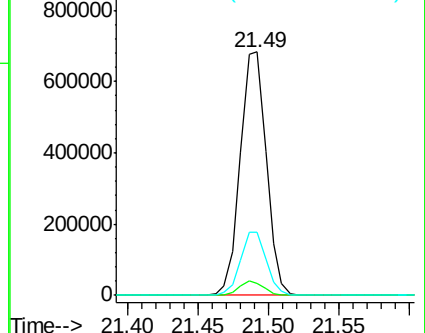
236 25.9 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 69.68 ng

RT: 19.58 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

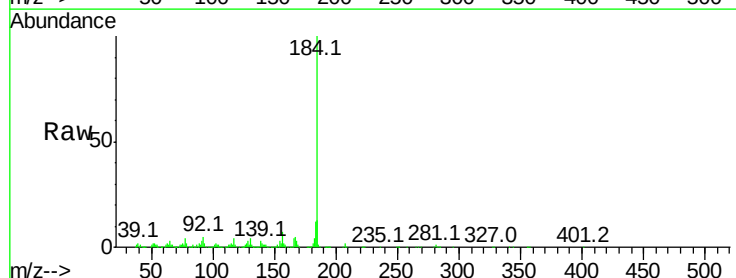
Tgt Ion:184 Resp: 1136786

Ion Ratio Lower Upper

184 100

185 13.4 11.3 16.9

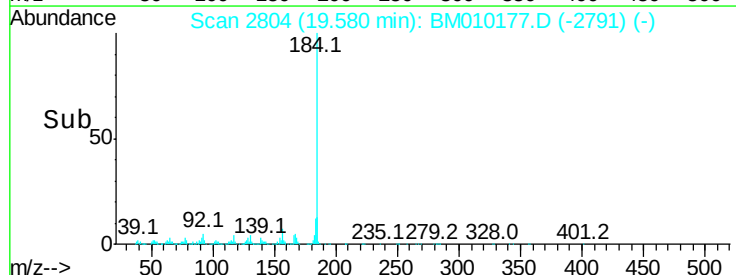
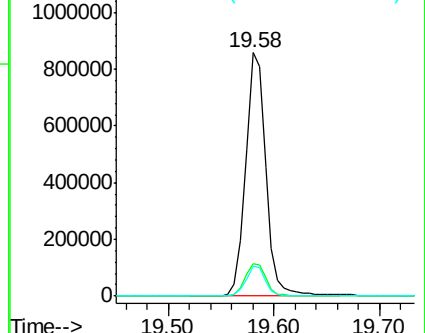
183 12.2 8.9 13.3

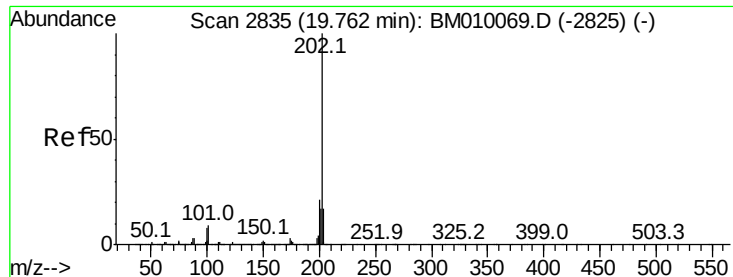


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.05 ng

RT: 19.74 min Scan# 2831

Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Instrument :

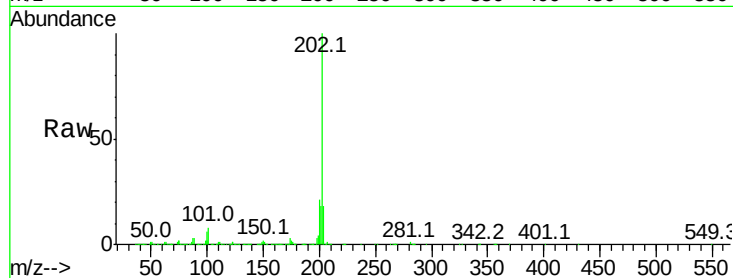
BNA_M

ClientSampleId :

PB99209BSD

Tot Ion:202 Resp: 1851864

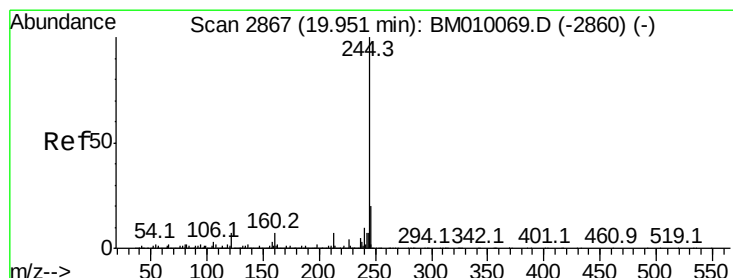
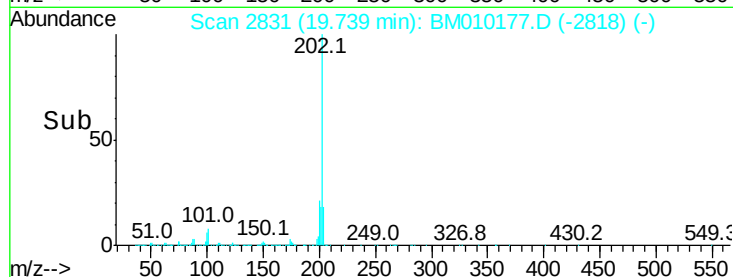
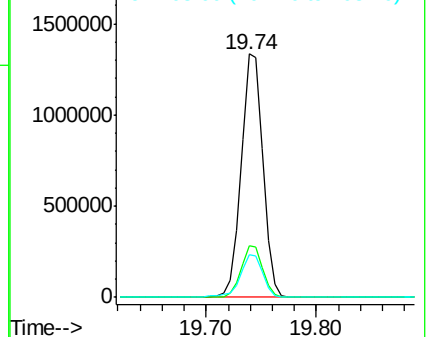
Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	17.6	14.1	21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.89 ng

RT: 19.93 min Scan# 2863

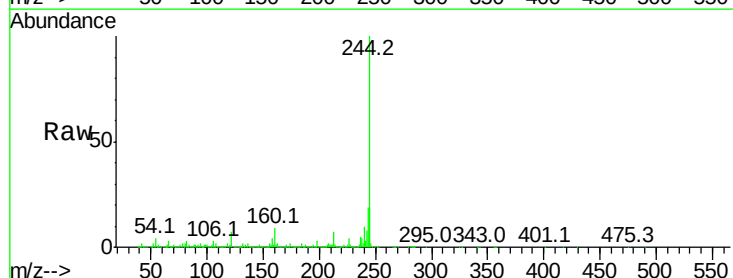
Delta R.T. -0.02 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Tgt Ion:244 Resp: 3068711

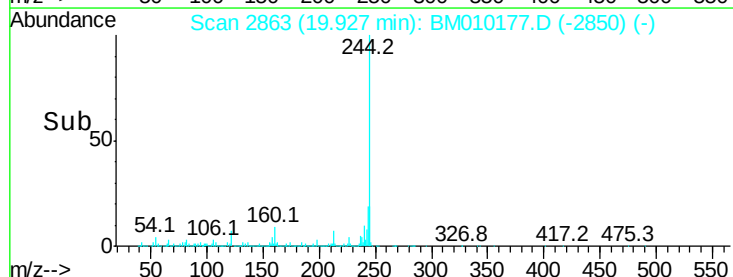
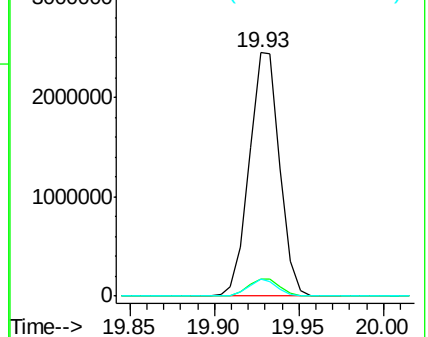
Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.9	7.3
122	6.9	6.2	9.4

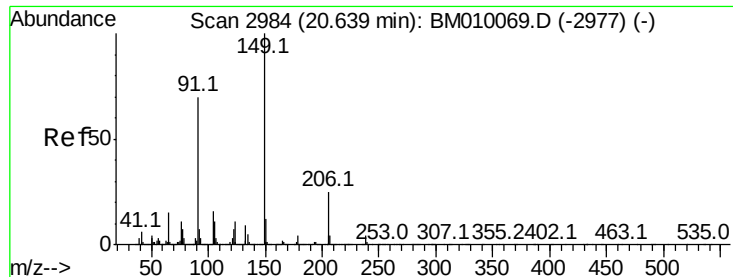


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

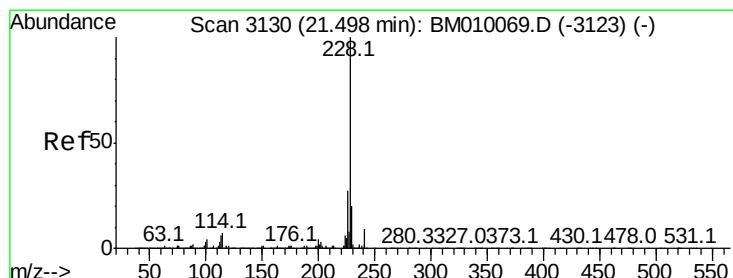
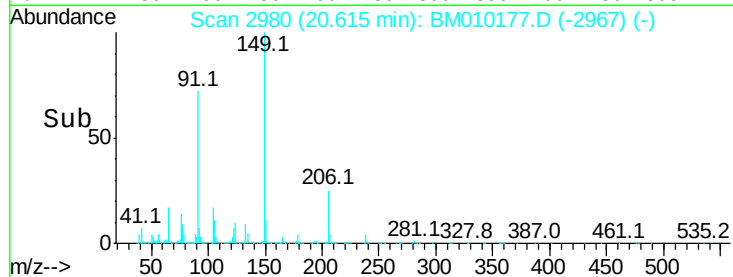
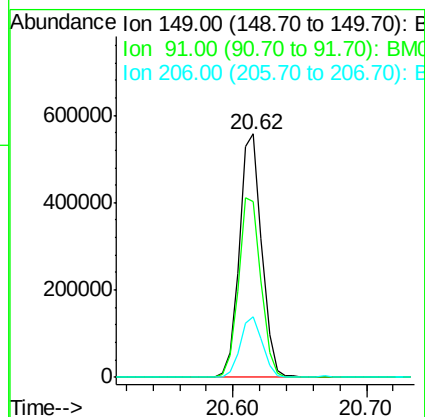
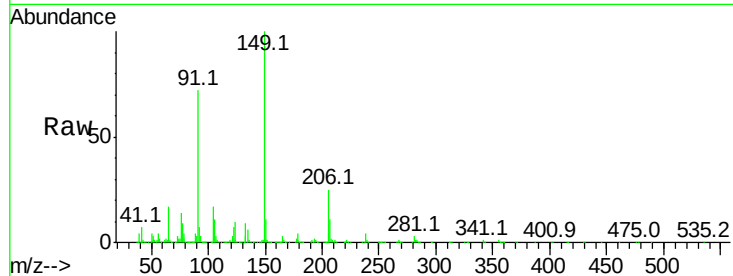




#79
Butylbenzylphthalate
Concen: 36.66 ng
RT: 20.62 min Scan# 2980
Delta R.T. -0.02 min
Lab File: BM010177.D
Acq: 24 May 2017 13:03

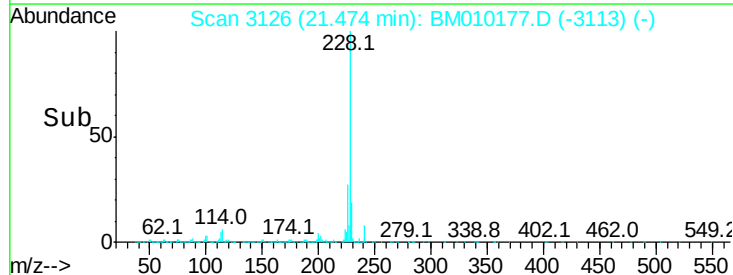
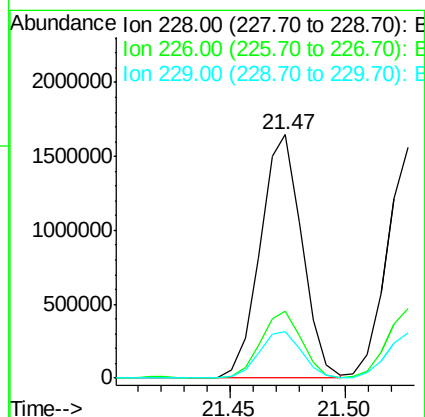
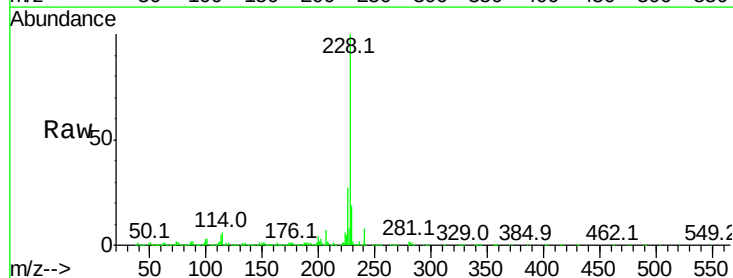
Instrument :
BNA_M
ClientSampleId :
PB99209BSD

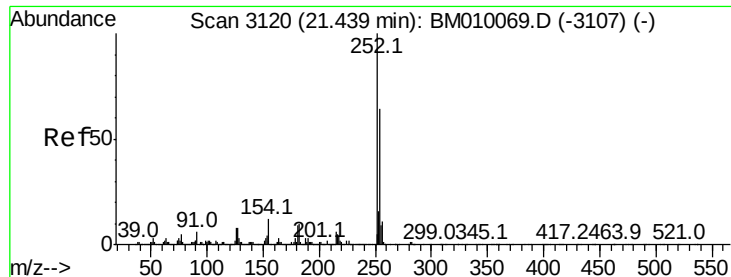
Tot Ion:149 Resp: 643624
Ion Ratio Lower Upper
149 100
91 72.1 50.1 75.1
206 25.1 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 42.28 ng
RT: 21.47 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BM010177.D
Acq: 24 May 2017 13:03

Tgt Ion:228 Resp: 2060995
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 19.2 16.0 24.0

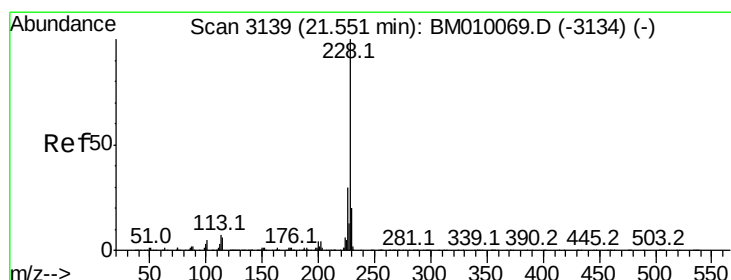
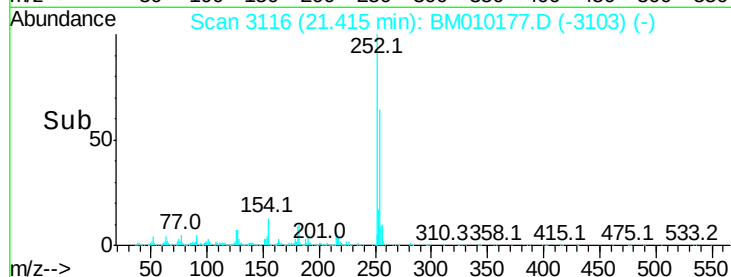
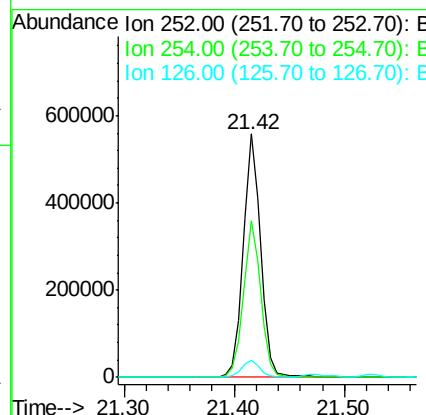
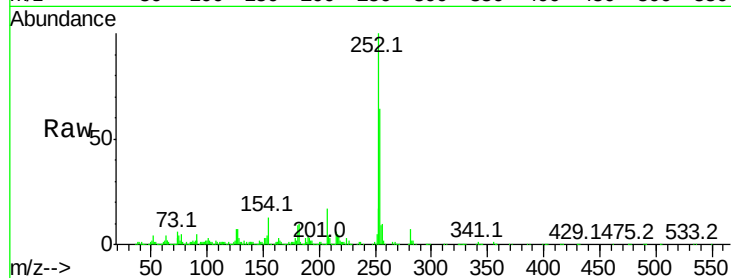




#81
 3,3'-Dichlorobenzidine
 Concen: 31.42 ng
 RT: 21.42 min Scan# 3116
 Delta R.T. -0.02 min
 Lab File: BM010177.D
 Acq: 24 May 2017 13:03

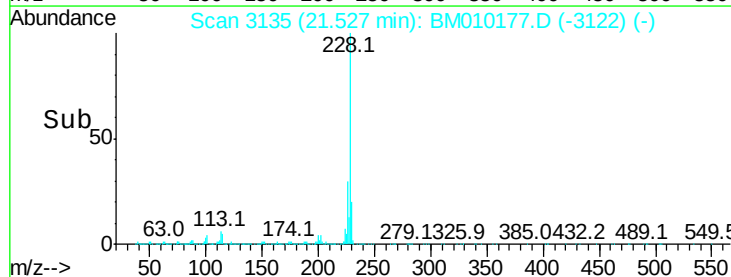
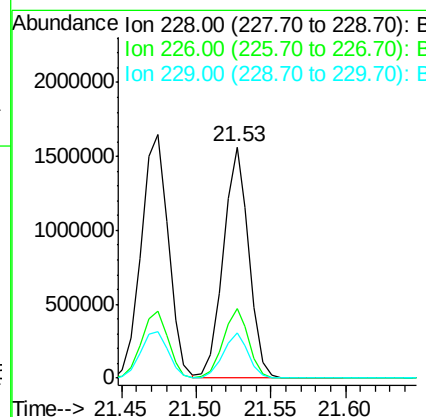
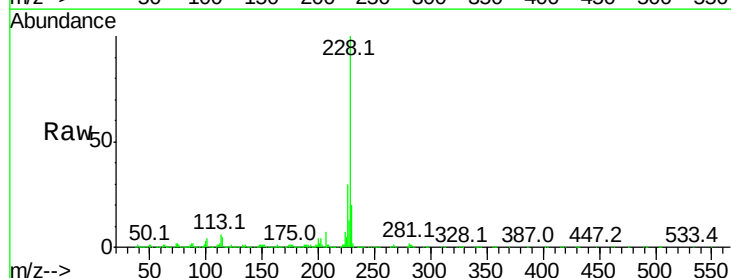
Instrument :
 BNA_M
 ClientSampleId :
 PB99209BSD

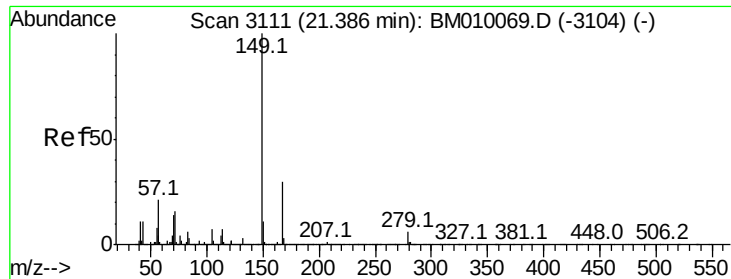
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.9	77.9
126	6.8	9.8	14.8#



#82
 Chrysene
 Concen: 40.55 ng
 RT: 21.53 min Scan# 3135
 Delta R.T. -0.02 min
 Lab File: BM010177.D
 Acq: 24 May 2017 13:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.8	15.5	23.3

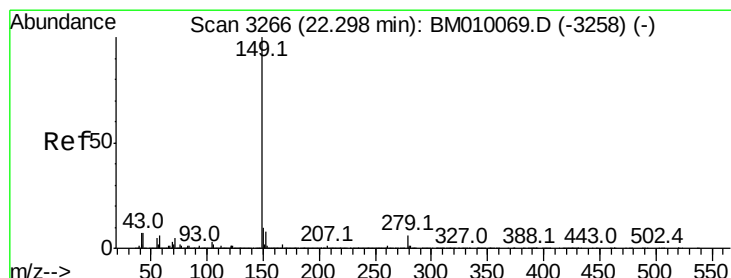
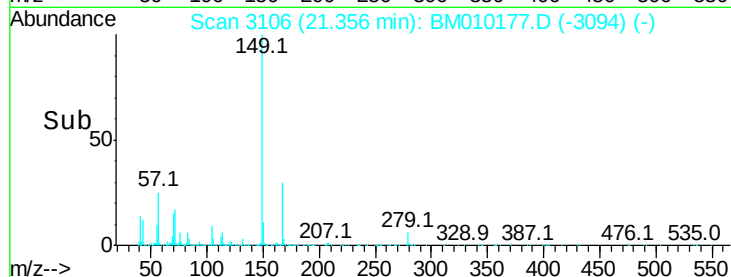
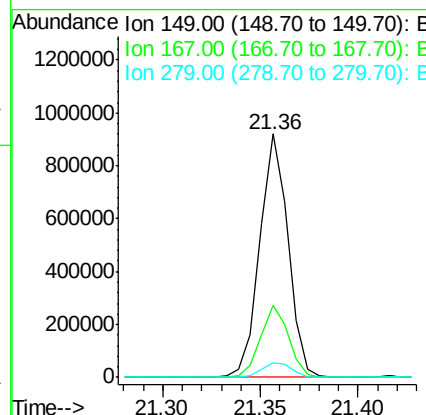
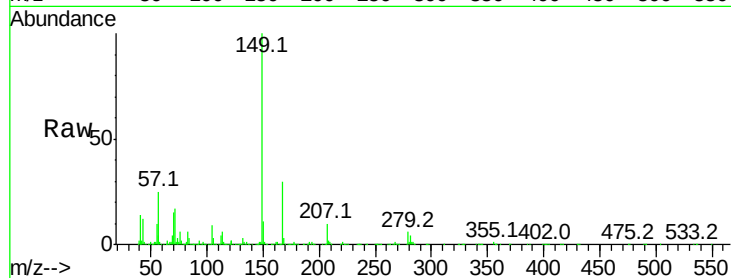




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.98 ng
 RT: 21.36 min Scan# 3106
 Delta R.T. -0.03 min
 Lab File: BM010177.D
 Acq: 24 May 2017 13:03

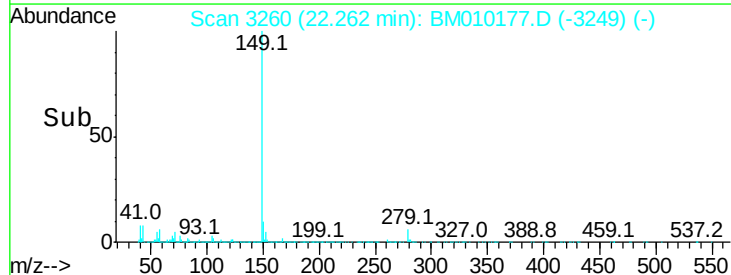
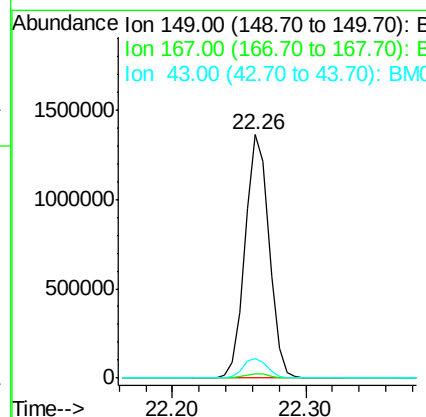
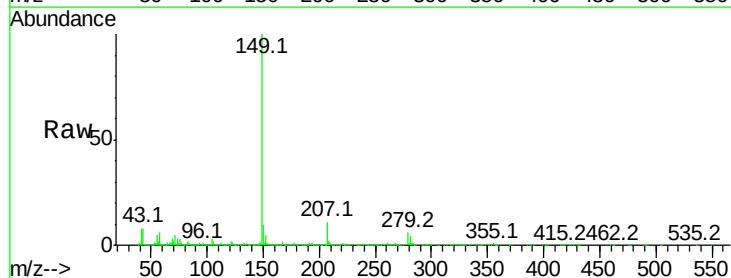
Instrument :
 BNA_M
 ClientSampleId :
 PB99209BSD

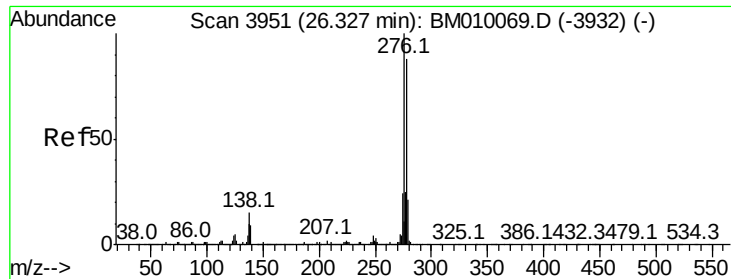
Tot Ion:149 Resp: 918284
 Ion Ratio Lower Upper
 149 100
 167 29.6 22.4 33.6
 279 6.0 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 35.73 ng
 RT: 22.26 min Scan# 3260
 Delta R.T. -0.04 min
 Lab File: BM010177.D
 Acq: 24 May 2017 13:03

Tgt Ion:149 Resp: 1679202
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8#
 43 8.2 7.3 10.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 55.49 ng

RT: 26.27 min Scan# 3941

Delta R.T. -0.06 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Instrument :

BNA_M

ClientSampleId :

PB99209BSD

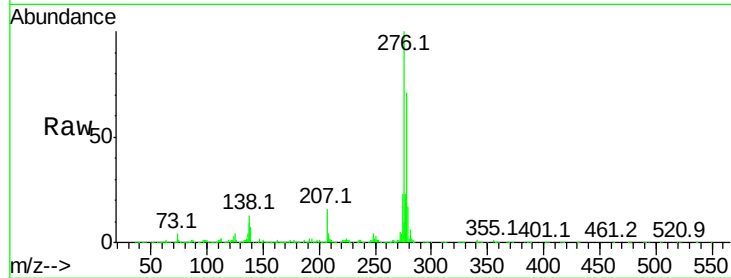
Tot Ion:276 Resp: 3762048

Ion Ratio Lower Upper

276 100

138 13.3 0.0 0.0#

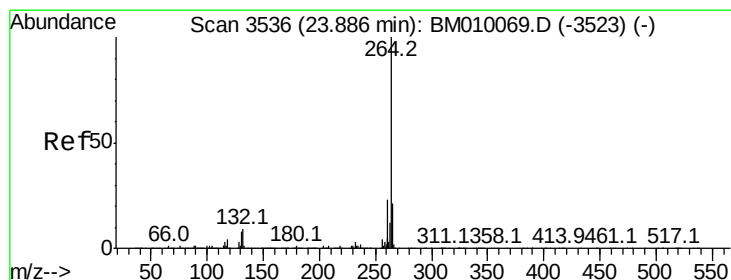
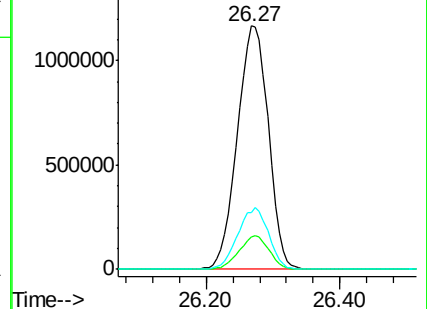
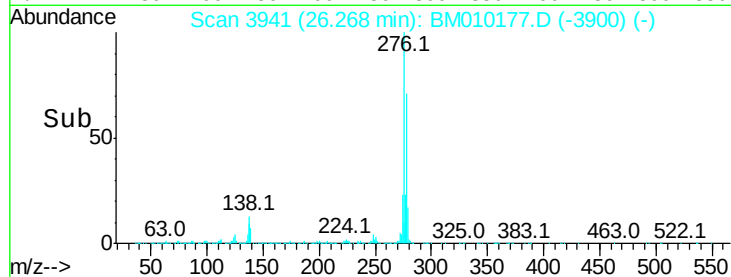
277 25.0 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.85 min Scan# 3530

Delta R.T. -0.04 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

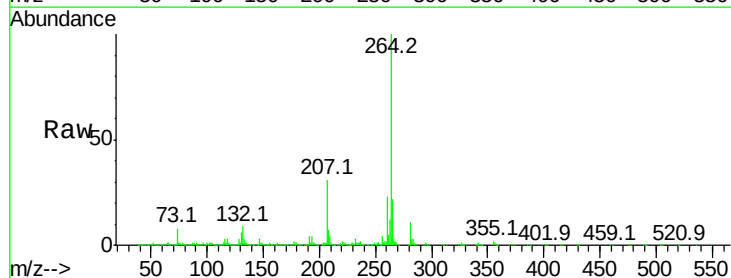
Tgt Ion:264 Resp: 1091743

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

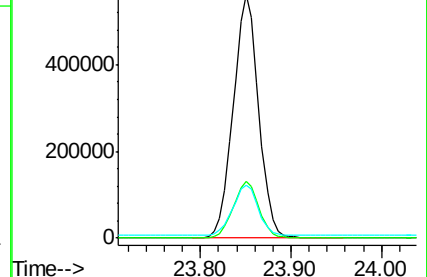
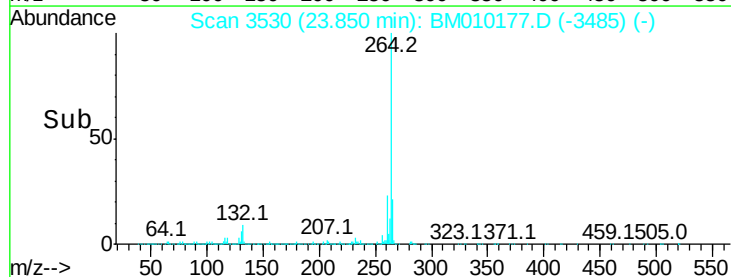
265 21.9 17.3 25.9

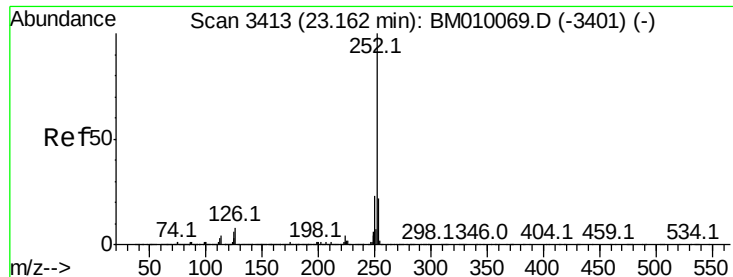


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

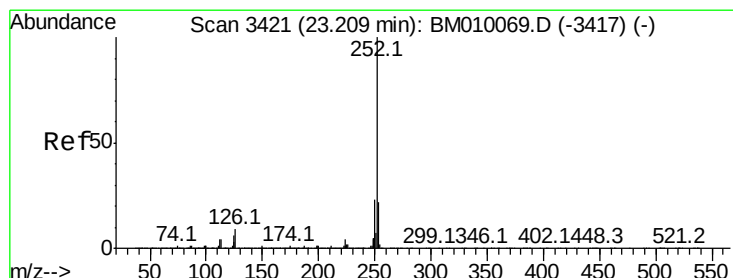
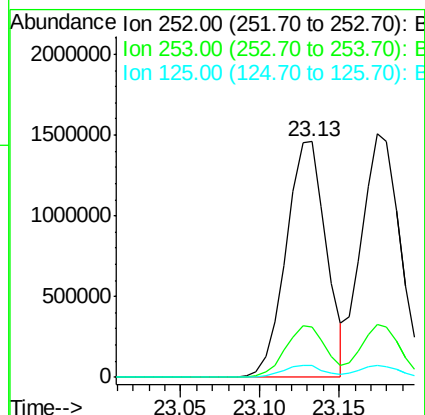
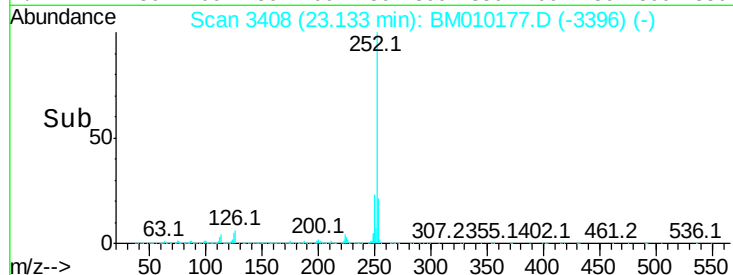
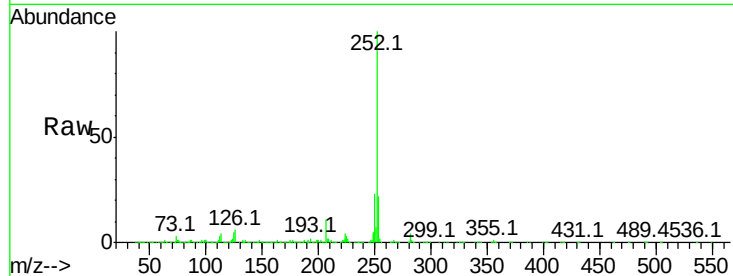




#87
Benzo(b)fluoranthene
Concen: 40.00 ng
RT: 23.13 min Scan# 3408
Delta R.T. -0.03 min
Lab File: BM010177.D
Acq: 24 May 2017 13:03

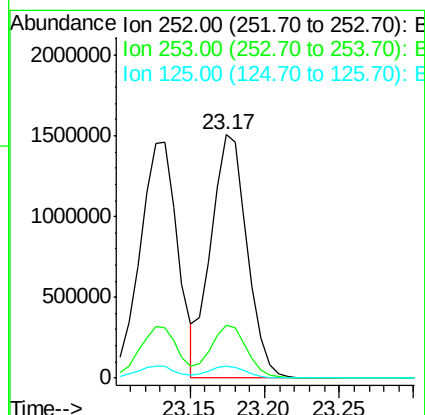
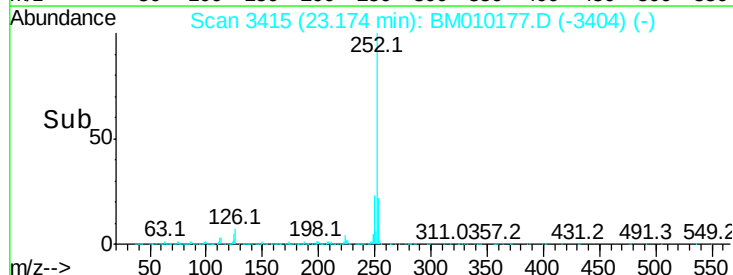
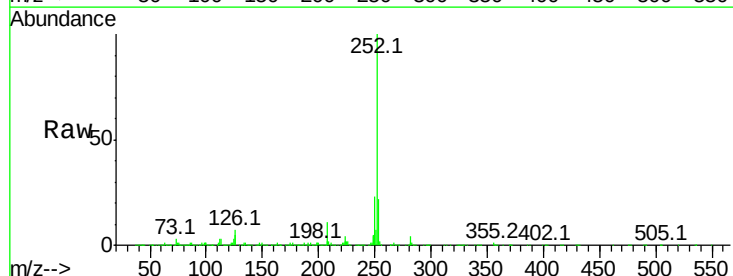
Instrument :
BNA_M
ClientSampleId :
PB99209BSD

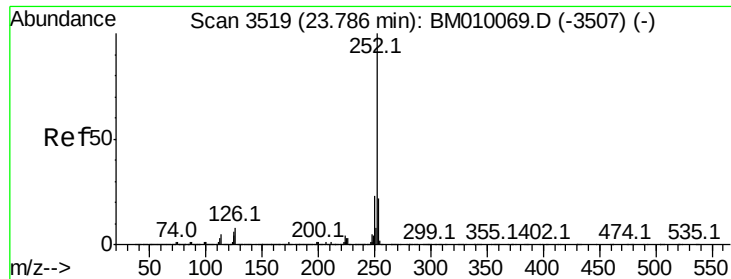
Tot Ion:252 Resp: 2556071
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 5.0 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 40.53 ng
RT: 23.17 min Scan# 3415
Delta R.T. -0.04 min
Lab File: BM010177.D
Acq: 24 May 2017 13:03

Tgt Ion:252 Resp: 2537439
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 5.1 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 42.65 ng

RT: 23.74 min Scan# 3512

Delta R.T. -0.04 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

Instrument :

BNA_M

ClientSampleId :

PB99209BSD

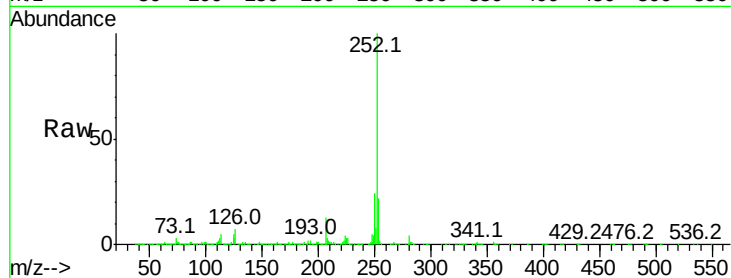
Tot Ion:252 Resp: 2596964

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	5.3	7.4	11.2#

252 100

253 21.8 17.6 26.4

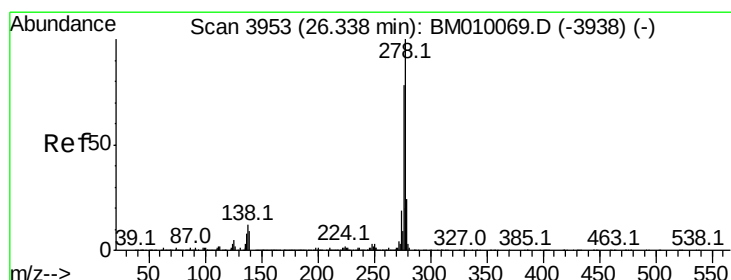
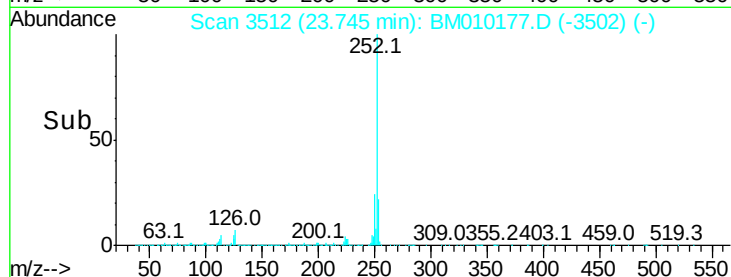
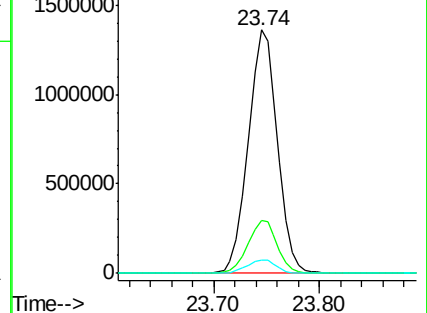
125 5.3 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.20 ng

RT: 26.28 min Scan# 3943

Delta R.T. -0.06 min

Lab File: BM010177.D

Acq: 24 May 2017 13:03

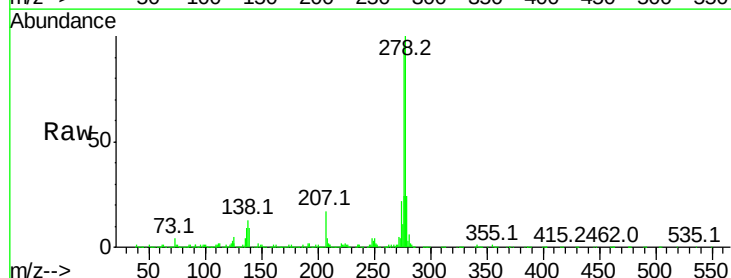
Tgt Ion:278 Resp: 3145394

Ion	Ratio	Lower	Upper
278	100		
139	8.8	13.4	20.0#
279	23.5	19.0	28.4

278 100

139 8.8 13.4 20.0#

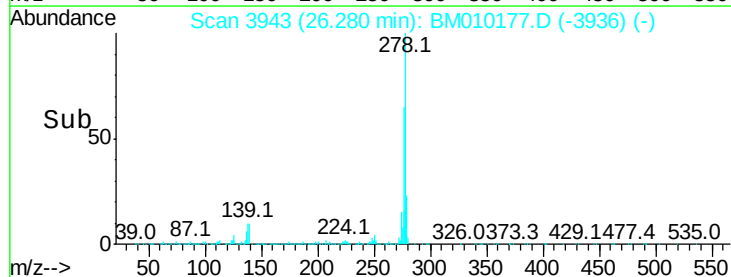
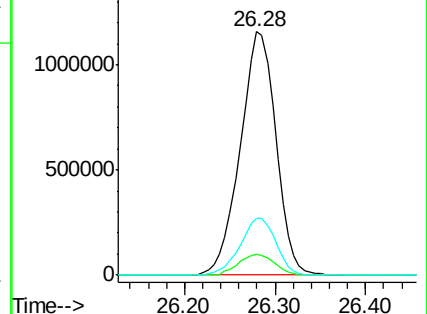
279 23.5 19.0 28.4

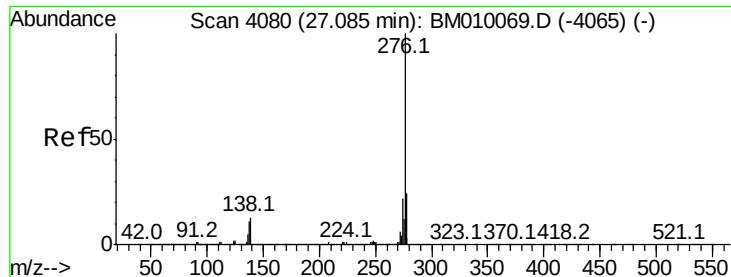


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 46.74 ng
 RT: 27.03 min Scan# 4070
 Delta R.T. -0.06 min
 Lab File: BM010177.D
 Acq: 24 May 2017 13:03

Instrument :
 BNA_M
 ClientSampleId :
 PB99209BSD

Tot Ion:276 Resp: 3118359
 Ion Ratio Lower Upper
 276 100
 277 25.1 18.5 27.7
 138 11.7 19.0 28.6#

